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Regult
No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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115
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     length: 0
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          US-09-580-110E-43
US-09-580-156D-17
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US-09-580-893D-47
US-09-580-110E-45
US-09-580-156D-47
US-09-580-156D-47
US-09-580-156D-47
US-09-580-156D-47
US-09-580-893C-44
US-09-580-893C-44
US-09-580-893C-48
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US-09-580-893C-42

US-09-580-893D-17

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US-09-580-893D-43

US-09-580-893D-43

US-09-580-110E-17
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38.983 Million cell updates/sec
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 RESULT 1
US-09-580-893C-17
; Sequence 17, Application US/09580893C; GENERAL INFORMATION:
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US-09-580-893C-42
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Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: mammalian
NAME/KEY: MOD_RES
            FEATURE:
                                                                                                                                                                                                                      1 VVPQ 4
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•	-	•	•	Sequence 53, Appl	•	•	-	•	46,	•	Sequence 52, Appl	•	•	•	•	•	Sequence 49, Appl	•

ALIGNMENTS

APPLICANT: SANDERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 17
LENGTH: 4 100.0%; Score 20; ilarity 100.0%; Pred. No. Conservative 0; Mismatch 6e+05; DB 5; Length 4;

Mismatches Indels 0, Gaps

0

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARSINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-9URSCHERENCE: 00-145-9URSCHERENCE: 00-145-LENGTH: 4
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE: OTHER INFORMATION: Description of Artificial Sequence: Peptide

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US-09-580-893D-17
, Sequence 17, Application US/09580893D
; GENERAL INFORMATION:
; APPLICANT: SANDBERG, LAWRENCE B
; APPLICANT: MITTS, THOMAS F
; APPLICANT: UIMENEZ JR, FELIPE
; APPLICANT: UIMENEZ JR, FELIPE
; TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
; FILE REFERENCE: 00-144-US
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                                                                                                                         US-09-580-893D-17
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Best Local Similarity
Matches 4; Conserv
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 43, Application US/09580893C
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELLPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN
FILE REFERENCE: 00-144-US
                                                           Best Loc
Matches
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Matches 4; Conserv
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SOFTWARE: PatentIn Ver. 2
SEQ ID NO 17
LENGTH: 4
TYPE: PRT
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                                                                                         Query Match
                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/580,893D CURRENT FILING DATE: 2002-10-08
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OTHER INFORMATION:
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LOCATION: (1)
OTHER INFORMATION: ACETYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Peptide
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                                                                                                                                      ORGANISM: mammalian
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                                                           Local Similarity es 4; Conserv
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Pred. No. 6e+
0; Mismatches
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Pred. No.
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Pred. No. 6e+05;
Mismatches 0
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THOMAS F
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT FILING DAPE: 2002-10-08
NUMBER OF SEQ ID NOS 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 42
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US-09-580-893D-42
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US-09-580-893D-43
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                                                                                                                                                                                                                                                                                     SEQ ID NO 43
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Matches 4; Conserv
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                                                             Matches
                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: ACETYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
OTHER INFORMATION:
                                                                                                                                          NAME/KEY: MOD_RES
LOCATION: (1) COTHER INFORMATION: ACETYLATION
                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                                                                                                                                                                                                                                       TYPE: PRT
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                                                              Conservative
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                                                                             100.0%;
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Pred. No.
                                                              Mismatches
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RESULT 7 US-09-580-110E-17 ; Sequence 17, Application US/09580110B

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US-09-580-156D-17
; Sequence 17, Application US/09580156D; GENERAL INFORMATION:
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; LOCATION: (1)...(1)
; OTHER INFORMATION: ACETYLATION
US-09-580-110E-43
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US-09-580-110E-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Witts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT PILLING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin version 3.1
SEQ ID NO 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 43, Application US/09580110E GENERAL INFORMATION:
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TITLE OF INVENTION: ENASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN
TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 25812-5CIP
CURRENT APPLICATION UNMBER: US/09/580,156D
CURRENT FILLING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR FILLING DATE: 1998-03-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mitts, Thomas F. APPLICANT: Sandberg, Lawre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: peptide
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nes 4; Conserv
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Sequence 43, Application US/09580156D
GENERAL INFORMATION:
APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AN
FILE REFERENCE: 25812-5CIP
CURRENT APPLICATION NUMBER: US/09/580,156D
CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR FILING DATE: 1998-03-13
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1998-03-12
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PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.1
SEQ ID NO 42
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Best Local Similarity
Matches 4; Conser
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PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 4
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Best Local Similarity
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APPLICANT: Lawrence, Sandberg B.
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NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.1
SEQ ID NO 43
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TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 25812-5CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: ACETYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: MOD_RES
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; FEATURE:
; NAME/KBY: MOD RES
; LOCATION: (1)...(1)
; OTHER INFORMATION: ACETYLATION
US-09-580-156D-43
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FLING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 45
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GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
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                                                                                                             APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOWAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
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TYPE: PRT
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                                                 LENGTH: 5
TYPE: PRT
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NAME/KEY: PEPTIDE
LOCATION: (1)..(5)
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        FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                             ORGANISM: Artificial Sequence
FEATURE:
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Sequence 47, Application US/09580893D
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILLE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 47
LENGTH: 5
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Best Local Similarity
Watches 4; Conserve
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CYHER INFORMATION: AMIDATION US=09-580-893C-47
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Matches 4; Conserv
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APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 45
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Query Match
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ORGANISM: Artificial Sequence
                                                                 NAME/KEY: MOD_RES
LOCATION: (5)
                                                 OTHER INFORMATION:
                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                      TYPE: PRT
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Pred. No.
Score 20;
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Pred. No.
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Best Local Similarity 100.0%; Pred. No. 6e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VVPQ 4
Db 2 VVPQ 5

Search completed: April 16, 2003, 09:50:47
Job time: 16 secs
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Copyright

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Result
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Maximum DB seq length: 2000000000
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 Published Applications AA:*

1: /cgn2 6/ptodata/1/pubpaa/USO8 NEW PUB.pep:*

2: /cgn2-6/ptodata/1/pubpaa/USO6 NEW PUB.pep:*

3: /cgn2-6/ptodata/1/pubpaa/USO6 NEW PUB.pep:*

4: /cgn2-6/ptodata/1/pubpaa/USO7 NEW PUB.pep:*

5: /cgn2-6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

7: /cgn2-6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

9: /cgn2-6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

9: /cgn2-6/ptodata/1/pubpaa/USO9 NEW PUB.pep:*

10: /cgn2-6/ptodata/1/pubpaa/USO9 NEW PUB.pep:*

11: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

12: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

13: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

14: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

13: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*
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US-09-867-550-118
US-09-813-153-108
US-09-813-153-108
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US-09-864-761-38949
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US-09-864-761-38949
US-09-864-761-887-555
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US-09-992-331-24
US-09-864-761-34467
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          Sequence 7, Appli
Sequence 24, Appl
Sequence 34467, App
Sequence 867, App
Sequence 1031, App
Sequence 114, App
Sequence 935, App
Sequence 118, App
Sequence 714, Appl
Sequence 709, Appl
Sequence 779, Appl
Sequence 779, Appl
Sequence 779, Appl
Sequence 50, Appl
Sequence 52, Appl
Sequence 52, Appl
Sequence 52, Appl
Sequence 1327, Appl
Sequence 1327, Appl
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US-09-903-786-18	US-09-903-749A-18	US-09-902-903-18	US-09-906-700-18	US-09-906-646-18	US-09-904-786-18	US-09-909-204-18	US-09-904-859-18	US-09-904-820-18	US-09-907-942-18	US-09-907-613-18	US-09-906-838-18	US-09-906-742-18	US-09-904-011-18	US-09-907-841-18	US-09-907-824-18	US-09-902-853-18	US-09-905-291A-18	US-09-771-730-133	US-09-782-980-9	US-09-747-155-185	US-09-864-761-39071	US-10-078-090-118	US-09-764-870-462	US-10-125-540-462	US-10-004-717-36
18,	Sequence 18, Appl	18,	18,	18,	18,	Sequence 18, Appl	18,	18,	_	18,	Sequence 18, Appl	18,	18,	18,	18,		18,	Sequence 133, App	Sequence 9, Appli	18	e 3907	118, 7	e 462	Sequence 462, App	Sequence 36, Appl

ALIGNMENTS

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APPLICANT: Sunderland, P. Trey
APPLICANT: Minter, Robert Reid
APPLICANT: White, Frost
APPLICANT: White, Frost
ITILE OF INVENTION: Nucleic Acid Molecules, Polypeptides and
ITILE OF INVENTION: Uses Therefor, Including Diagnosis and Trea
ITILE OF INVENTION: Alzheimer's Disease
ITILE OF INVENTION: Alzheimer's Disease
ITILE OF INVENTION: Alzheimer's Disease
ITILE OF INVENTION: MUMBER: US/09/826,290
CURRENT APPLICATION NUMBER: US/09/826,290
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: US/60/194,504
PRIOR APPLICATION NUMBER: US/60/194,504
PRIOR APPLICATION NUMBER: US/60/194,504
PRIOR APPLICATION NUMBER: US/60/253,647
PRIOR APPLICATION NUMBER: US/60/253,647
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 492
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 15
                     S
                                                                                                                                                           ; TYPE: PRT
; ORGANISM: homo
US-09-826-290-7
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Best Local Similarity
Matches 4; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Parekh, Rajesh Bhikhu
APPLICANT: Potter, David M.
APPLICANT: Rohlff, Christian
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APPLICANT:
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APPLICANT: Friedma
APPLICANT: Herath
1 VVPQ 4
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Kimmel, Lida H.
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Stiger, Thomas R.
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Friedman, David L.
                                                                    100.0%; Score 20; DB ilarity 100.0%; Pred. No. 71; Conservative 0; Mismatches
                                                                                                             DB 9; Length 15;
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Best Local
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EQ ID NO 24
LENGTH: 31
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CURRENT FILING DATE: 2001-11-14
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TITLE OF INVENTION: A PROVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
TITLE OF INVENTION: EXPRESSED HIGHLY IN PITUITARY GLAND AND (
TITLE OF INVENTION: CELLS
                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
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APPLICANT: MINT:
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APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 45
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PRIOR
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CURRENT FILING DATE: 2001-05-23
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                                                                            APPLICATION NUMBER: PCT/US01/00666
                                                                                                         APPLICATION NUMBER: GB 24263.6 FILING DATE: 2000-10-04 APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
                    APPLICATION NUMBER: PCT/US01/00667 FILING DATE: 2001-01-30
    APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION:
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Hanzel, David K.
Chen, Wensheng
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o. US20030022186A1
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  PCT/US01/00664
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Pred. No.
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US-09-796-692-867; Sequence 867, Application No.
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            FILE REFERENCE: 2077.001200

CURRENT APPLICATION NUMBER: US/09/796,692

CURRENT FILING DATE: 2001-03-01

PRIOR PPLICATION NUMBER: 60/186,126

PRIOR FILING DATE: 2000-03-01

PRIOR PPLICATION NUMBER: 60/190,479

PRIOR FILING DATE: 2000-03-17

PRIOR PILING DATE: 2000-03-17

PRIOR PILING DATE: 2000-04-27

PRIOR APPLICATION NUMBER: 60/200,503

PRIOR FILING DATE: 2000-04-28

PRIOR FILING DATE: 2000-04-28

PRIOR FILING DATE: 2000-04-28
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Best Local
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PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
                                                                                                                                                                                                          APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 49117
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APPLICATION NUMBER: PCT/US01/00662
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: 60/200,779
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Pred. No.
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LUNG, SIGNAL = 1.2
FETAL LIVER, SIGNAL = 0.79
ADULT LIVER, SIGNAL = 1
BRAIN, SIGNAL = 1.2
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[: Z40902.1, EVAI
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1.9e+02;
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; ORGANISM: Homo sapiens
US-09-796-692-867
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APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
FILE REFERENCE: 2077.001200
                                                        PRIOR APPLICATION NUMBER: 60/223,378 PRIOR FILING DATE: 2000-08-07
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PRIOR APPLICATION N
PRIOR FILING DATE:
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PRIOR APPLICATION NUMBER: 60/190,479
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: 60/186,126
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ID NO 1031
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FILING DATE: 2000-04-28
APPLICATION NUMBER: 60/200,779
FILING DATE: 2000-04-28
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APPLICATION NUMBER: 60/200,545
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FILING DATE: 2000-07-14
APPLICATION NUMBER: 60/222,903
FILING DATE: 2000-08-03
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FILING DATE: 2000-05-04
APPLICATION NUMBER: 60/:
FILING DATE: 2000-05-22
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APPLICATION NUMBER: 60/223,378
                                                                                              APPLICATION NUMBER: 60/223,416 FILING DATE: 2000-08-04
                                                                                                                                                       FILING DATE: 2000-07-14
APPLICATION NUMBER: 60/222,903
                                                                                                                                                                                          APPLICATION NUMBER: 60/218,950
                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/206,201
                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/202,084
                                                                                                                                        FILING DATE: 2000-08-03
                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/200,999
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Pred. No. 3.1e+02;
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US-09-796-692-1031
                                                          CURRENT APPLICATION NUMBER: US/09/796,692
CURRENT FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR PILING DATE: 2000-03-07
PRIOR PILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/200,545
PRIOR APPLICATION NUMBER: 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: 60/200,303
PRIOR APPLICATION NUMBER: 60/200,303
PRIOR APPLICATION NUMBER: 60/200,779
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CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 725
SOPTWARE: FASTSEQ fo Windows Version 4.0
SEQ ID NO 164
LENGTH: 60
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 935, Appropriate Publication No.
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                                                                                                                                                                                                                                                                                                                          APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
FILE REFERENCE: 2077.001200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Rat
-09-866-050A-164
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Murison, James G.
APPLICANT: Kumble, Krishanand D.
TITLE OF INVENTION: Compositions
TITLE OF INVENTION: and Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Watson, APPLICANT: Strach
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nes 4; Conserv
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                                            APPLICATION NUMBER: 60/200,999
                        FILING DATE:
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Sleeman, Matthew
Onrust, Rene
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o. US20020198362A1
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2000-05-01
NUMBER: 60/202,084
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Pred. No.
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US-09-884-456-74
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PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 60/222,903
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-04
PRIOR APPLICATION NUMBER: 60/223,416
PRIOR FILING DATE: 2000-08-04
PRIOR FILING DATE: 2000-08-04
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PRIOR FILING DATE: 2000-08-07
NUMBER OF SEQ ID NOS: 9597
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 935
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 118
LENGTH: 65
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Best Local Similarity
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APPLICANT: Law, Debbie
APPLICANT: Topper, James
APPLICANT: Topper, James
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
TITLE OF INVENTION: Thereby
FILLE REFERENCE: 21402-013 (Cura-313)
CURRENT APPLICATION NUMBER: US/09/867,550
CURRENT FILING DATE: 2001-09-20
CURRENT FILING DATE: 2001-09-20
              APPLICANT: Houghton, Michael
APPLICANT: Choo, Oui-Lim
APPLICANT: Kuo, George
TITLE OF INVENTION: Hepatitis C virus protease
FILE REFERENCE: 223002010005
CURRENT APPLICATION NUMBER: US/09/884,456
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CURRENT FILING DATE:
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TYPE: PRT
ORGANISM: Homo sapiens
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Conley, Pamela
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; ORGANISM: Hepatitis C virus US-09-884-456-74
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                                                                                           ; OTHER INFORMATION: Xaa equals stop translation US-09-813-153-108
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US-09-813-153-108
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PRIOR FILING DATE: 1998-01-30
PRIOR PELICATION NUMBER: 60/073,159
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,165
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,164
PRIOR APPLICATION NUMBER: 60/073,164
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
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NUMBER OF SEQ ID NOS: 90
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 74
LENGTH: 69
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PRIOR FILING DATE: 1998-01-30
NUMBER OF SEQ ID NOS: 298
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 108
LENGTH: 74
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                                              Query Match
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PRIOR FILLING DATE: 1995-05-12
PRIOR APPLICATION NUMBER: 08/350,884
PRIOR FILLING DATE: 1994-12-06
PRIOR APPLICATION NUMBER: 07/680,296
PRIOR FILLING DATE: 1991-04-04
PRIOR FILLING DATE: 1991-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US/09/363,044
PRIOR FILING DATE: 1999-07-29
PRIOR PRIOR DATE: 1999-07-29
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CURRENT APPLICATION NUMBER: US/09/813,153
CURRENT FILING DATE: 2001-03-21
                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/073,167
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,162
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/073,161
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1998-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: 67 Human secreted proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rosen et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 07/505,433
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PRIOR FILING DATE: 1999-02-19
                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo
                                                                                                                                NAME/KEY: SITE
LOCATION: (74)
                                                                                                                                                                                 FEATURE:
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y Match 100.0%; Score 20; DB 9; Local Similarity 100.0%; Pred. No. 4e+02; hes 4; Conservative 0; Mismatches (
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o. US20030045459A1
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Pred. No. 3.7e+02;
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RESULT 12
US-09-864-761-38949
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; NAME/KEY: SITE
; LOCATION: (108)
; OTHER INFORMATION: Xaa
US-09-925-299-779
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US-09-925-299-779
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CURRENT APPLICATION NUMBER: US/09/925,299
CURRENT TILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
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                                                                                      Sequence 38949, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                          Matches
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TITLE OF INVENTION: Nucleic Acids, Proteins
                                   APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver.
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NAME/KEY: SITE
LOCATION: (101)
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NAME/KEY: SITE
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Ransel, Dansel Hanzel, Wensheng
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b. US20030040617A9
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100.0%; Pred. No. 6.1e+02;
cive 0; Mismatches 0;
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PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 38949
LENGTH: 111
                                                                                                        Matches
                                                                                                                                                          Query Match
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
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CURRENT FILING DATE: 2001-05-23
                                                                                                                                                                                                                          OTHER INFORMATION: MAP TO ACO04853.1

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.9

OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN BOUT LIVER, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.3

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.3

OTHER INFORMATION: SWISSPROT HIT: A1278824.1, EVALUE 2.00e-20

OTHER INFORMATION: SWISSPROT HIT: Q13607, EVALUE 1.00e-53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens FEATURE:
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  71
                                                                                                      Local Similarity
tes 4; Conserv
                                              1 VVPQ 4
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FILING DATE: 2000-09-27
APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
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VVPQ 74
                                                                                                        Conservative
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                                                                                                                            100.0%; Score 20; DB 10; 100.0%; Pred. No. 6.1e+02;
                                                                                                        0; Mismatches
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RESULT 13 US-09-925-299-779 ; Sequence 779, A

Application US/09925299

Patent No. US20020055627A1

INFORMATION

and Antibodies

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APPLICANT: Rosen et al.
TITLE OF INVENTION: NUCleic Acids, Proteins an
FILTE OF INVENTION: NUCLeic Acids, Proteins an
FILTE OF INVENTION NUMBER: US/09/925,299
CURRENT APPLICATION NUMBER: US/09/925,299
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCIJUS00/05883
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 779
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US-10-004-717-50
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Best Local S
Matches 4
                                                                                                                                                                                                                                                                       Sequence 50, Application US/10004717
Publication No. US20020192665A1
GENERAL INFORMATION:
                    TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPEUTIC USE OF TITLE OF INVENTION: ATONAL ASSOCIATED SEQUENCE FOR DEAFNESS, TITLE OF INVENTION: OSTEOARTHRITIS, AND ABNORMAL CELL PROLIFERATION FILE REFERENCE: P01899US4

CURRENT APPLICATION NUMBER: US/10/004,717

CURRENT FILING DATE: 2002-08-16

PRIOR APPLICATION NUMBER: 09/585,645

PRIOR APPLICATION NUMBER: 09/585,645

PRIOR APPLICATION NUMBER: 60/176,993

PRIOR APPLICATION NUMBER: 60/176,993

PRIOR FILING DATE: 2000-01-19
                                                                                                                                                                                                                                  APPLICANT: ZOGHBI, HI APPLICANT: YANG, QI
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OTHER INFORMATION: Xaa
NAME/KEY: SITE
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OTHER INFORMATION: Xaa
NAME/KEY: SITE
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OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
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LOCATION: (107)
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NAME/KEY: SITE
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OTHER INFORMATION:
NAME/KEY: SITE
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Search completed: April 16, 2003, 09:51:40 Job time : 9 secs

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US-10-004-717-50
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                                                            Query Match
Best Local Similarity
Watches 4; Conservi
                                                                                                                                                          ; ORGANISM: Frog
US-10-004-717-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-004-717-52
                                                                                                                                                                                                                SOFTWALL,
SEQ ID NO 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.1
SQQ ID NO 50
LENGTH: 138
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 52, Application US/10004717
Publication No. US20020192665A1
GENERAL INFORMATION:
APPLICANT: ZOGHBI, HUDA Y.
APPLICANT: YANG, QI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 4; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/137,060 PRIOR FILING DATE: 1999-06-01 NUMBER OF SEQ ID NOS: 69
                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPEUTIC USE OF AN TITLE OF INVENTION: ATONAL ASSOCIATED SEQUENCE FOR DEAFNESS, TITLE OF INVENTION: OSTEOARTHRITIS, AND ABNORMAL CELL PROLIFERATION FILE REFERENCE: P01899US4
CURRENT APPLICATION NUMBER: US/10/004,717
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 05/85,645
PRIOR APPLICATION NUMBER: 60/176,993
PRIOR PILING DATE: 2000-01-19
PRIOR PILING DATE: 2000-01-19
PRIOR PILING DATE: 2000-01-19
PRIOR FILING DATE: 2000-01-19
                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/137,060 PRIOR FILING DATE: 1999-06-01
                                                                                                                                                                                                     TYPE: PRT
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59 VVPQ 62
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llarity 100.0%;
Conservative 0
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Pred. No. 7.8e+02;
                                                                                                    Score 20; DB 9;
Pred. No. 7.8e+02;
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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        protein search, using sw
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1: /cgn2_6/ptodata/1

2: /cgn2_6/ptodata/1

3: /cgn2_6/ptodata/1

4: /cgn2_6/ptodata/1

5: /cgn2_6/ptodata/1

6: /cgn2_6/ptodata/1
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Match
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
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    US-09-039-308A-17
US-08-233-78BA-1
US-08-244-818-49
PCT-US96-09809-129
US-08-548-540-129
PCT-US96-09809-129
US-09-506-651-4
US-08-813-591-4
US-08-826-037-52
US-08-262-037-52
US-08-262-037-53
US-08-262-037-54
US-08-262-037-54
US-08-262-037-59
US-08-262-037-59
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US-08-262-037-59
US-08-262-037-59
US-08-262-037-59
US-08-262-037-74
US-08-362-037-74
US-08-763-36A-37
US-08-726-306A-37
US-08-726-306A-54
US-08-321-843B-54
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Sequence 17, Appli
Sequence 409, App
Sequence 129, App
Sequence 129, App
Sequence 4, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 51, Appli
Sequence 52, Appli
Sequence 53, Appli
Sequence 54, Appli
Sequence 54, Appli
Sequence 59, Appli
Sequence 59, Appli
Sequence 59, Appli
Sequence 29, Appli
Sequence 29, Appli
Sequence 74, Appli
Sequence 37, Appli
Sequence 38, Appli
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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
266	263	257	252	241	241	221	207	206	201	179	151	140	140	140	120	117	93
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US-08-444-818-32	US-08-892-690-3	US-08-728-603-19	US-08-858-207A-325	US-08-825-781-4	US-08-825-781-3	US-09-071-035-224	US-08-884-077-6	US-09-040-981-2	US-08-506-296B-55	US-08-884-077-4	US-08-233-788A-59	US-09-479-453-11	US-09-479-409-11	US-08-911-853-11	US-08-233-788A-57	US-08-262-037-58	US-08-928-383B-19
Sequence 32, Appl	Sequence 3, Appli	Sequence 19, Appl	Sequence 325, App	Sequence 4, Appli	3, A	Sequence 224, App	Sequence 6, Appli	Sequence 2, Appli	Sequence 55, Appl	Sequence 4, Appli	•	•	Sequence 11, Appl	•	•	•	Sequence 19, Appl

ALIGNMENTS

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US-09-039-308A-17
                                                             Query Match
Best Local Similarity
Matches 4; Conser
                                                                                                                                                                                                           TRLEFAX: (412) 288-3300
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 4 amino acids
                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/039,308A
FILING DATE: March 13, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Miller, Raymond A.
REGISTRATION NUMBER: 42,891
REFERENCE/DOCKET NUMBER: 97-489
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: B.
TITLE OF INVENTION: A.
TITLE OF INVENTION: U.
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: Compaq
OPERATING SYSTEM: Microsoft Windows 95
SOFTWARE: Word 6.0
                                                                                                                                            STRANDEDNESS: sincorropology: linear MOLECULE TYPE: pept
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: PO Box 488
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA
                                                                                                                                                                                            TYPE: amino acid
                                                                                                                                                                                                                                                                           TELEPHONE:
                              1 VVPQ 4
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                                                               Conservative
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USING SAME
                                                                             100.0%; Score 20; DB 3
100.0%; Pred. No. 2e+05
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RESULT 2

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                                                                                                                                                                                            Sequence 409, Application US/08444818
Patent No. 6150087
GENERAL INFORMATION:
APPLICANT: Chien, David Y.
APPLICANT: Rutter, William J.
TITLE OF INVENTION: NANBV Diagnostics and Vaccines
NUMBER OF SEQUENCES: 777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity Matches 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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TELEX: 3723836 SEEDANBERRY
INFORMATION FOR SEQ ID NO: 1:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: King, Joshua
REGISTRATION UNMBER: 35,570
REFERENCE/DOCKET NUMBER: 9200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/233,788A
FILING DATE: 26-APR-1994
                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTION TLE OF INVENTION: OF SALMONELLA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                               COUNTRY: USA
ZIP: 94608-2916
                                                                                                                                        STREET:
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                                                                                                                                                            ADDRESSEE:
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Kay, William W.
Collinson, Karen S.
Clouthier, Sharon C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3: Seed and Berry
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                    E: Chiron Corporation
4560 Horton Street
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Query Match
Best Local Similarity
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                                  FILING CALLS
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/290,641
FILING DATE: 15-AUG-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION UDMBER: US 07/963,321
APPLICATION NUMBER: US 07/963,321
FILING DATE: 15-OCT-1992
FILING DATE: 15-OCT-1992
ATTORNEY/AGENT INFORMATION:
****ME. Smith, William M. 20.223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (508)359-388 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/403
FILING DATE: 14-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Harbin, Alisa A.
REGISTRATION NUMBER: 33,895
REFERENCE/DOCKET NUMBER: 0110
TELECONNUNICATION INFORMATION:
TELECONNUMICATION: 10001260-1207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/548,540
FILING DATE: 26-OCT-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gates, Christian M.
TITLE OF INVENTION: Peptide Library and Screening Method
NUMBER OF SEQUENCES: 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Schatz, Peter APPLICANT: Cull, Millard
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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o. 5733731
                                                                                                                                                                                                                                                                                                                                                                                              94105
                                                                                                                                                                                                                                                                                                                                                                                                                                 San Francisco
: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Miller, Jeff F.
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                                                                                                                                                                                                                                                                                                                                                                                                                 USA
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                    16528J-001240US
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/ TOPOLOGY: 1:
/ MOLECULE TYPE:
PCT-US96-09809-129
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                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC COMPARTIBLE
COMPUTER: IBM PC COMPARTIBLE
OPERATING SYSTEM: PC-DOS/MS-OOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09809
PILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/548,540
APPLICATION NUMBER: US 08/548,540
APPLICATION NUMBER: US 08/548,540
APPLICATION NUMBER: US 08/590,641
PILING DATE: 15-AUG-1994
PRIOR APPLICATION NUMBER: US 07/963,321
APPLICATION NUMBER: US 07/963,321
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,321
PRIOR APPLICATION DATA: 15-OCT-1992
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 85; Matches 4; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 129, Applica GENERAL INFORMATION:
                                                                                                                                                                              TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 415-326-2422 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
                                                                                                                                                                                                                                         TELEPHONE: 415-326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 12 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                       LENGTH: 12 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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Stemmer, Willem P.C.
Gates, Christian M.
TVENTION: Peptide Library and Screening Method
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                                                                                                   linear
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                                                                             peptide
                                                                                                                    single
100.0%;
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Score 20;
Pred. No.
DB 5;
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                                                                                    US-08-813-591-4
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                                                Sequence 4, Application US/08813591 Patent No. 5824534
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GENERAL INFORMATION:
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                                                                                                                                                                                                                               Query Match
Best Local Similarity
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                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: JP 0
FILING DATE: 14-FEB-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                             LENGTH: 16 amino acids
TYPE: amino acid
STRANDEDNESS: single
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ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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ZIP: 22202
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TELEPHONE: 703-413-2220
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CLASSIFICATION:
                                                                                                                                                                               1 VVPQ 4
                                                                                                                                                 8 VVPQ 11
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ASANO, MINAO
KAWAI, MISAKO
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                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                                                                                            Length 16,
                                                                                                                                                                                                               Indels
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Query Match
Best Local Similarity
Thes 4; Conserve
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                                                                                                                                                                                                                                                                                                                     Sequence 5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/813,591
FILING DATE: 07-MAR-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 051848/1996
FILING DATE: 08-MAR-1996
PRIOR APPLICATION NUMBER: JP 030458/1996
PRIOR APPLICATION NUMBER: JP 030458/1997
FILING DATE: 14-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: 05LON, NORMAN P.
REGISTRATION NUMBER: 24,618
REGISTRATION NUMBER: 24,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
"""""" APPLICATION DATA:
""""" APPLICATION NUMBER: US/08/813,591
                                                      STREET: 25 CITY: Hauppauge CTTATE: New York
                                                                                                                                            APPLICANT: Wang, Chang Yi
APPLICANT: Wang, Chang Yi
APPLICANT: Hosein, Barbara H
TITLE OF INVENTION: No. 5582968el Branched Hybrid and Cluster
TITLE OF INVENTION: Peptides Effective in Diagnosing and Deter
TITLE OF INVENTION: No. 5582968-B Hepatitis
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FITLE OF INVENTION: AMINOPEPTIDASE GX, AND A METHOD OF FITLE OF INVENTION: HYDROLYSING A PROTEIN WITH THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MIWA, TETSUYA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, ADDRESSEE: P.C. STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400 CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U
ZIP: 22202
                                       COUNTRY: USA
ZIP: 11788
                                                                                                                                     ADDRESSEE:
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5. 5582968
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                                                                                                                 E: United Biomedical Inc
25 Davids Dr.
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Floppy disk
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                                                                                                                                                                                              Peptides Effective in Diagnosing and Detecting No. 5582968-A, No. 5582968-B Hepatitis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 20; DI
100.0%; Pred. Nc. 1.:
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 16;
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Best Local Similarity
Matches 4; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-07-946-054-5
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                                      PCT-US93-08638-5
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GENERAL INFORMATION:
 Query Match
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PILING DATE: 15-SEP-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wilson, M. Lisa
REGISTRATION NUMBER: 34,045
REFERENCE/DOCKST NUMBER: 2000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-273-2828
TELEPHONE: 516-273-1717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 516-273-1717
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-273-2828
TELEFAX: 516-273-1717
                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: M. Lisa Wilson
REGISTRATION NUMBER: 34,045
                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Novel Branched Hybrid and Cluster Peptides
TITLE OF INVENTION: Effective in Diagnosing and Detecting Non-A,
TITLE OF INVENTION: Non-B Hepatitis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US93/08638 FILING DATE: CLASSIFICATION:
                                                                                            TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER:
                                                                          TOPOLOGY:
                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 11788
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Hauppauge
STATE: New York
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                                                                                          I: 21 amino acids
amino acid
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25 Davids Drive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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SYSTEM: PC-DOS/MS-DOS
                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 20; DB 1; Length 21; 100.0%; Pred. No. 1.5e+02;
 100.0%;
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 Score 20;
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Length 21;
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RESULT 11
US-08-262-037-52
; Sequence 52, Application US/08262037
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US-08-262-037-51
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US-08-262-037-51
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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GENERAL I
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APPLICATION NUMBER: 07/719,819
FILING DATE: 24-June-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 11-Max-1991
APPLICATION NUMBER: 07/651,735
FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/558,799
FILING DATE: 26-July-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
APPLICATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151-40.
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
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APPLICATION NUMBER: US
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity tes 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 29 amino acids TYPE: Amino acid STRANDEDNESS:
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CLASSIFICATION: 424
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345 PARK AVE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 20; 100.0%; Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.1e+02;
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US-08-262-037-48
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                                                                                                 Sequence 48, Application US/08262037

Patent No. 5747239

GENERAL INFORMATION:

APPLICANT: Chang Yi Wang and Barbara Hosein

APPLICANT: Chang Yi Wang and Barbara Hosein

TITLE OF INVENTION: SYMTHETIC PERFITLES SPECIFIC FOR

TITLE OF INVENTION: THE DETECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF HCV

TITLE OF INVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES
                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PILING DATE: 26-July-1990
APPLICATION NUMBER: 07/510,153
FILING DATE: 16-April-1990
ATTORNEY/AGENT INFORMATION:
NAME: Maria C. H. Lin
REGISTRATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151-4043 US3
TELECOMMUNICATION INFORMATION:
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TITLE OF INVENTION: SYNT
TITLE OF INVENTION: THE
TITLE OF INVENTION: INVENTION: INVENTION: CORRESPONDENCE ADDRESS:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 36 amino acids
TYPE: Amino acid
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MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE:
CLASSIFICATION: 424
                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 07/651
FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/558
APPLICATION NUMBER: 07/558
FILING DATE: 26-July-1990
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CITY: NEW YORK
STATE: NEW YORK
ADDRESSEE: MORGAN & FINNEGAN STREET: 345 PARK AVE.
CITY: NEW YORK
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TOPOLOGY: Un
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FILING DATE: 24-June-199
APPLICATION NUMBER: 07/6
FILING DATE: 11-Mar-1991
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                                                                                                                                                                                                                                                                                                                                                                        1 VVPQ 4
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TELEFAX: (212) 751-6849
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NVENTION: SYNTHETIC PEPTIDES SPECIFIC FOR
NVENTION: THE DETECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF HCV
NVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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2.5e+02;
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STATE: NEW YORK

10154

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US-08-262-037-53

; Sequence 53, Application US/08262037

; Patent No. 5747239
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                                                                                                                                                                                                                                                        PATENT NO. 5747239

PATENT NO. 5747239

GENERAL INFORMATION:

APPLICANT: Chang Yi Wang and Barbara Hosein

APPLICANT: Chang Yi Wang and Barbara Hosein

TITLE OF INVENTION: SYNTHETIC PEPTIDES SPECIFIC FOR

TITLE OF INVENTION: THE DETECTION OF ANTIBODIES TO HCV, DIAGNOSIS OF HCV

TITLE OF INVENTION: INFECTION AND PREVENTION THEREOF AS VACCINES

NUMBER OF SEQUENCES: 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 16-April-1990
ATTORNEY/AGENT INFORMATION:
NAME: MARIE C. H. Lin
REGISTRATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151
TELECOMMUNICATION INFORMATION:
TELEPHNUE: 212-758-4800
TELEPHNUE: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 07/719,819
FILING DATE: 24-June-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 11-Mar-1991
APPLICATION NUMBER: 07/651,735
FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/589,799
FILING DATE: 26-July-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: 421792
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: FLOPPY
                     SOFTWARE: WORDPERFECT CURRENT APPLICATION DATA:
                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: FLOPPY !
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 41 amino a
TYPE: Amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                     CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 26-July-1990
APPLICATION NUMBER: 07/51
                                                       COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                345 PARK AVE.
                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 20; DB 1; ilarity 100.0%; Pred. No. 2.9e+02; Conservative 0; Mismatches 0;
                                        WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown
                                                                                                                                                                                                                                                   MORGAN & FINNEGAN
                                                                                                      FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FLOPPY DISK
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US/08/262,037
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US-08-262-037-53
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TELEFAX: 708-93/-006 6 INFORMATION FOR SEQ ID NO: 6 SEQUENCE CHARACTERISTICS: LENGTH: 49 amino acids TYPE: AMINO ACID TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6, Application PC/TUS9207813 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 20; 18est Local Similarity 100.0%; Pred. No. 3 Matches 4; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151-4043 US3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/07813
FILING DATE: 19920916
CLASSIFICATION:
CLASSIFICATION:
                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: POREMBSKIP, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 4767.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-6365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: HEPATITIS C ASSAY NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: LESNIEWSKI, RICHARD R. APPLICANT: LEUNG, TAT K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 16-April-19
ATTORNEY/AGENT INFORMATION:
NAME: Maria C. H. Lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/719,819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     21 VVPQ 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 212-/50 TELEPHONE: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: ONE ABBOTT PARK ROAD CITY: ABBOTT PARK STATE: ILLINOIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/558,799
FILING DATE: 26-July-1990
APPLICATION NUMBER: 07/510,153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/667,275
FILING DATE: 11-Mar-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
ZIP: 60064-3500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: ABBOTT LABORATORIES
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IMBER: 07/651,735
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US-08-262-037-54
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Best Local S
Matches 4
                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 54 amino acids
TYPE: Amino acids
STRANDEDNESS:
TOPOLOGY: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 54, Application US/08262037

Patent No. 5747239

Patent N
                                                                                                                                                    Query Match 100.0%; Score 20; DB 1; Length 54 Best Local Similarity 100.0%; Pred. No. 3.8e+02; Matches 4; Conservative 0; Mismatches 0; Indels
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ZIP: 10154

ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/262,037
FILING DATE: 24-June-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 11-Mar-1991
APPLICATION NUMBER: 07/667,275
FILING DATE: 07-Feb-1991
APPLICATION NUMBER: 07/551,735
FILING DATE: 16-April-1990
APPLICATION NUMBER: 07/558,799
FILING DATE: 16-April-1990
APPLICATION NUMBER: 07/558,799
FILING DATE: 16-April-1990
APPLICATION NUMBER: 07/51,153
FILING DATE: 16-April-1990
ATTORNEY/AGENT INFORMATION:
NAME: MARIA C. H. Lin
REGISTRATION NUMBER: 29,323
REFERENCE/DOCKET NUMBER: 1151-4043 UTBLEFAX: (212) 758-4800
TELEFAX: 421792
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CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             27 VVPQ 30
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Local Similarity 100.0%; Pred. No. 3.5e+02;
nes 4; Conservative 0; Mismatches 0; Indels
27 VVPQ 30
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                                                        1 VVPQ 4
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                                                                                                                                                                                                                                           Length 54;
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Search completed: April 16, 2003, 09:40:00 Job time: 8.95652 secs

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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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length: 2000000000
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Match
                                                                                                                                                                                                                                                                                                                                                                                                                               Pending_Patents_AA_New:*

1: /cgn2_6/ptodata/1/paa/PCT_NEW_COMB.pep:*

2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*

3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep:*

4: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

5: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*

7: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*
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                                                                                                                                                                                                                                                                                                                             Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GenCore version 5.1.4_p5_4578 (c) 1993 - 2003 Compugen Ltd.
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US-09-580-893C-45
US-09-580-893D-47
US-09-580-893D-47
US-09-580-893D-47
US-09-580-1108-45
US-09-580-156D-45
US-09-580-893C-46
US-09-580-893C-46
US-09-580-893C-46
US-09-580-893D-44
US-09-580-893D-44
US-09-580-1108-46
US-09-580-1108-46
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US-09-580-1108-46
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US-09-580-1108-46
US-09-580-1108-48
US-09-580-1108-48
US-09-580-156D-46
US-09-580-156D-46
US-09-580-156D-46
US-09-580-893C-53
US-09-580-893C-53
US-09-580-893D-50
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US-09-580-893C-45
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Sequence 1		Sequence 1		Sequence 8	Sequence 8	æ		Sequence 5								
11044, A	11044, A	1314, Ap 1313, Ap	1315, Ap	•	81, Appl	•	•	51, Appl	•	51, Appl	•	•	•	51, Appl	•	50, Appl

ALIGNMENTS

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US-09-580-893C-47
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, PELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 45
LENGTH: 5
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 47
LENGTH: 5
TYPE: PRT
                                                                                                                                                                                                                                           Sequence 47, Application US/09580893C GENERAL INFORMATION:
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NAME/KEY: PEPTIDE
LOCATION: (1)..(5)
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Best Local Similarity
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                                                                                                                                  SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 47
                                                                                                                                                                                                                                                                                                          Sequence 47, Application US/09580893D GENERAL INFORMATION:
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                  APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
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APPLICANT: MITTS, THOMAS F
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NAME/KEY: PEPTIDE
LOCATION: (1)..(5)
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                                            FEATURE:
OTHER INFORMATION:
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                              FEATURE:
                                                                                ORGANISM: Artificial Sequence
                 NAME/KEY:
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                                                Description of Artificial Sequence: Peptide
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Pred. No. 6e+05;
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US-09-580-110E-45
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Query Match
Best Local S
Matches 5
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CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn version 3.1
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 25812-13
CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin version 3.1
SEQ ID NO 45
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TYPE: PRT
ORGANISM: Artificial
FEATURE:
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TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN TITLE OF INVENTION: ENHANCING AGENTS
                                                                                                                                                                                                                                                                                                                                  APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN
TITLE OF INVENTION: ENHANCING AGENTS
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mitts, Thomas F. APPLICANT: Sandberg, Lawre
                                                                        FEATURE:
NAME/KEY: MOD_RES
LOCATION: (5)...(5)
OTHER INFORMATION: AMIDATION
                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                                                                                                    TYPE: PRT
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                                                                                                                                                                                  ORGANISM: Artificial
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Local Similarity
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100.0%; Score 24; DB 5; llarity 100.0%; Pred. No. 6e+05; Conservative 0; Mismatches C
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Pred. No. 6e+05
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APPLICANT: LAWRENCE, Sandberg B.
APPLICANT: Thomas, Mitte F.
ITITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND FILE REFERENCE: 25812-5CIP
CURRENT PILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR APPLICATION NUMBER: 09/339,308
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1998-03-12
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PATENTAL PRICE PRI
SOFTWARE: PATENTAL PRICE PRI
LENGTH: 5
TYPE: PRI
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GENERAL INFORMATION:
APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPFIDE ANALOGS AND USES THEREOF FILE REFERENCE: 25812-5CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 47, Application US/09580156D GENERAL INFORMATION:
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                                                                                                   Query Match
Best Local :
                                                                  Matches
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PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.1
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LOCATION: (5)..(5)
OTHER INFORMATION: AMIDATION
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ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: peptide
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Pred. No. 6e+05;
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RESULT 11
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; LOCATION: (1)
; OTHER INFORMATION: ACETYLATION
US_09-580-893C-44
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APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS P
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION UNMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 46
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APPLICANT: SANDBERG, LAWRENCE B
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SEQ ID NO 44
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APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 00-144-US
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ORGANISM: Artificial Sequence
FEATURE:
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Sequence 48, Application US/09580893C GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B

THOMAS

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RESULT 12
US-09-580-893D-44
, Sequence 44, Application US/09580893D
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SEQ ID NO 48
LENGTH: 6
TYPE: PRT
ORGANISM: Artificial Sequence
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
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CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
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APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN
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             APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOWAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Peptide FEATURE: NAME/KEY: MOD RES
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Pred. No. 6e+05;
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GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
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                                                                   SOFTWARE: PatentIn version 3.1
SEQ ID NO 44
LENGTH: 6
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                                                                                                                              APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
CURRENT APPLICATION UNMEER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30
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OTHER INFORMATION: Description of Artificial Sequence: peptide
             ORGANISM: Artificial FEATURE:
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/ Cgn2_6/ptodata/1/paa/US086_COMB.pep: *
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/ Cgn2_6/ptodata/1/paa/US086_COMB.pep: *
/ Cgn2_6/ptodata/1/paa/US089_COMB.pep: *
/ Cgn2_6/ptodata/1/paa/US099_COMB.pep: *
/ Cgn2_6/ptodata/1/paa/US099_COMB.pep: *
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/ Cgn2_6/ptodata/1/paa/US093_COMB.pep: *
/ Cgn2_6/ptodata/1/paa/US093_COMB.pep: *
/ Cgn2_6/ptodata/1/paa/US094_COMB.pep: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 45, Appl Sequence 47, Appl Sequence 45, Appl Sequence 47, Appl Sequence 44, Appl Sequence 46, Appl	Description

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US-09-584-001-47
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US-09-584-001C-45
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Best Local Similarity
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RESULT 4
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EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 47, Application US/09584001 GENERAL INFORMATION:
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APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
                                                                                                                                                                                                                                                             FILE REFERENCE: 25812-11
CURRENT APPLICATION UMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                               APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description: FEATURE: NAME/KEY: MOD_RES LOCATION: (5)
COTHER INFORMATION: AMIDATION
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TYPE: PRT
ORGANIEM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                LENGTH: 5
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                                                                                                                              100.0%; Score 24; 100.0%; Pred. No.
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Pred. N6. 4.2e+06;
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US-09-584-001C-47

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Best Local Similarity
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; OTHER INFORMATION: AMIDATION
US-09-584-001C-47
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RESULT 6
US-09-584-001-46
; Sequence 46, Application US/09584001
; GENERAL INFORMATION:
; APPLICANT: MITTS, THOMAS F.
; ATITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
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Best Local Similarity
Marches 5; Conserve
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ORGANISM: mammalian
FEATURE:
NAME/KEY: MOD_RES
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GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs
FILE REFERENCE: 25912-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME FILE REFERENCE: 99494US CURRENT APPLICATION NUMBER: US/09/584,001 CURRENT FILING DATE: 2000-05-30 EARLIER APPLICATION NUMBER: 09/039,308 EARLIER FILING DATE: 1998-03-13 EARLIER APPLICATION NUMBER: PT/US99/05496
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NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
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APPLICANT: MITTS, THOMAS
                                                                                                                                                                                                                                                                                                                        NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: ACETYLATION
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OTHER INFORMATION: Description of Artificial Sequence: peptide FEATURE:
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Pred. No.
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FILE REFERENCE: 99494US

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US-09-584-001-48
; Sequence 48, Application US/09584001
; GENERAL INFORMATION:
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                                                                                                                                                                               RESULT 8
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Sequence 44, Application US/09584001C
GENERAL INFORMATION:
APPLICANT: Witts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using
FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 48
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Matches 5; Conserv
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APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF
FILE REFERENCE: 99494US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
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EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: MOD_RES
LOCATION: (6)
OTHER INFORMATION: AMIDATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: peptide
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Pred. No. 4.2e+06;
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Pred. No. 4.2e+06
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; OTHER INFORMATION: AMIDATION US-09-584-001C-48
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                                                                                                                    CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 48
                                                                                                                                                                                                                                                                  Sequence 48, Application US/09584001C GENERAL INFORMATION:
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SOFTWARE: PatentIn Ver.
SEQ ID NO 46
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GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. :
SEQ ID NO 44
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CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                       APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Blastin Peptide Analogs
FILE REFERENCE: 25812-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 6
TYPE: PRT
ORGANISM: mammalian
                            FEATURE:
NAME/KEY: MOD_RES
LOCATION: (6)
                                                                                              TYPE: PRT
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                                                                            ORGANISM: mammalian
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ORGANISM: mammalian
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Pred. No. 4.2e+06;
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US-09-584-001-50
; Sequence 50, Application US/09584001
; GENERAL INFORMATION:
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CURRENT ERPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER FILING DATE: 1998-03-12
EARLIER FILING DATE: 1999-03-12
                                                                                                                                                                                         SEQ ID NO 53
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SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                       TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF FILE REFERENCE: 99494US CURRENT APPLICATION NUMBER: US/09/584,001 CURRENT FILING DATE: 2000-05-30 EARLIER APPLICATION NUMBER: 09/039,308 EARLIER FILING DATE: 1998-03-13 EARLIER FILING DATE: 1998-03-13 EARLIER APPLICATION NUMBER: PCT/US99/05496 EARLIER FILING DATE: 1999-03-12 NUMBER OF SEQ ID NOS: 75 NUMBER OF SEQ ID NOS: 75 SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: SANDBERG, LAWRENCE APPLICANT: MITTS, THOMAS F.
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OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
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NAME/KEY: METAL LOCATION: (1)..(7)
OTHER INFORMATION: METAL IS COPPER; BINDING TO LOCATION 1 AND 7
                                                                         FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                                ORGANISM: Artificial Sequence
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Pred. No. 4.2e+06;
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Pred. No. 4.2e+06;
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Best Local Similarity
Tatches 5; Conserva
         RESULT 15
US-09-584-001-51
; Sequence 51, Application US/09584001
; GENERAL INFORMATION:
; APPLICANT: SANDBERG, LAWRENCE
; APPLICANT: MITTS, THOMAS F.
; TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
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GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
FILE REFERENCE: 25812-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 50
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 53, Application US/09584001C GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
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Best Local Similarity
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TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
FILE REFERENCE:
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ORGANISM: mammalian
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Pred. No. 4.2e+06;
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Pred. No. 4.2e+06;
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CURRENT APPLICATION NUMBER: US/09/584,001

CURRENT FILING DATE: 2000-05-30

EARLIER APPLICATION NUMBER: 09/039,308

EARLIER APPLICATION NUMBER: PCT/US99/05496

EARLIER APPLICATION NUMBER: PCT/US99/05496

EARLIER APPLICATION NUMBER: PCT/US99/05496

EARLIER PILING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 75

SOFTWARE: Patentin Ver. 2.1

LENGTH: 8

TYPE: PRT

CRGANISM: Artificial Sequence
FEATURE:
OCHER INFORMATION: DESCRIPTION OF Artificial Sequence: peptide
FEATURE:
OCHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND

US-09-584-001-51

OUCLATION: (1)...(8)

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Published_Applications_AA:*

1: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Sequence 6053, Ap	Sequence 46685, A	Sequence 12913, A	Sequence 5815, Ap	Sequence 3, Appli	Sequence 78, Appl	Sequence 16, Appl	Sequence 446, App		Sequence 76, Appl	70,	Sequence 66, Appl	Sequence 10568, A	Sequence 617, App	Sequence 7, Appli	Sequence 555, App	Sequence 1327, Ap	Sequence 555, App	Sequence 7, Appli	Description

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US-09-815-242-12389	US-09-815-242-5635	US-09-873-409-5	US-09-873-409-6	US-09-873-409-4	US-09-741-664-2	US-09-741-664-1	US-09-229-173-3	US-09-891-332A-9	US-09-891-332A-8	US-09-891-332A-7	US-09-891-332A-6	US-09-891-332A-2	US-09-873-409-2	US-09-891-332A-5	US-09-891-332A-3	US-09-873-409-1	US-09-891-332A-10	US-09-891-332A-4	US-09-931-147-2	US-09-864-761-35385	US-09-997-900-2	US-09-129-112-19	US-09-350-259-101	US-09-815-242-10970	US-10-001-870-132
Sequence 12389, A	56	'n	Sequence 6, Appli	4.	ν	Sequence 1, Appli	w '	Sequence 9, Appli	æ ,	7,	6	Sequence 2, Appli	Sequence 2, Appli	Sequence 5, Appli	Sequence 3, Appli	Sequence 1, Appli	Sequence 10, Appl	Sequence 4, Appli	Sequence 2, Appli	Sequence 35385, A	Sequence 2, Appli	Sequence 19, Appl	Sequence 101, App	e 10970	Sequence 132, App

ALIGNMENTS

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CURRENT APPLICATION NUMBER: US/09/826,290
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: US 60/194,504
PRIOR FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: US 60/253,647
PRIOR APPLICATION NUMBER: US 60/253,647
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 492
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 15
TYPE: PRT
RCANISM: homo sapien
US-09-826-290-7
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TITLE OF INVENTION: Nucleic Acid Molecules, Polypeptides and
TITLE OF INVENTION: Uses Therefor, Including Diagnosis and '
TITLE OF INVENTION: Alzheimer's Disease
FILE REFERENCE: 2572-1-001
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APPLICANT: Friedman, David L.
APPLICANT: Herath, Herath Mudiyanselage Athula Chandrasiri
1 AVVPQ 5
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Parekh, Rajesh Bhikhu
Potter, David M.
Rohlff, Christian
Silber, B. Michael
Stiger, Thomas R.
Sunderland, P. Trey
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                                                         100.0%; Score 24; DB ilarity 100.0%; Pred. No. 12; Conservative 0; Mismatches
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                                                                                                                                   Prior application data removed -
NUMBER OF SEQ ID NOS: 1792
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1327
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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PTZ23
CURRENT APPLICATION NUMBER: US/09/764,864
CURRENT FILING DATE: 2001-01-17
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TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PC009C1
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CURRENT FILING DATE: 2002-03-07
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10-092-154-555
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LOCATION: (121)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: misc_feature
LOCATION: (123)
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TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
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LOCATION: (121)
OTHER INFORMATION: Xaa
NAME/KEY: SITE
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                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
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RESULT 5 US-09-755-456-7

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                                                                                       ; OTHER INFORMATION: US-09-764-847-555
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NUMBER OF SEQ ID NOS: 2003
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 555
LENGTH: 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 555, Application US/09764847 Patent No. US20020132767A1
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                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins,
FILE REFERENCE: PC009
CURRENT APPLICATION NUMBER: US/09/764,847
CURRENT FILING DATE: 2001-01-17
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OTHER INFORMATION: >
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PRIOR APPLICATION NUMBER: PCT/FR99/01630
PRIOR FILING DATE: 1999-07-06
PRIOR PPLICATION NUMBER: PCT/FR99/01630
PRIOR FILING DATE: 1999-07-06
PRIOR PILING DATE: 1998-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
LENGTH: 277
TYPE: PRT
ORGANISM: Encephalitozoon cuniculi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Rosen et al.

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

FILE REFERENCE: PA10391C1

CURRENT APPLICATION NUMBER: US/10/102,806

CURRENT FILING DATE: 2002-03-22

PRIOR APPLICATION NUMBER: 09/925,298

PRIOR APPLICATION NUMBER: PCT/US00/05881

PRIOR APPLICATION NUMBER: PCT/US00/05881

PRIOR APPLICATION NUMBER: 60/124,270

PRIOR APPLICATION NUMBER: 60/124,270

PRIOR APPLICATION NUMBER: 60/124,270

PRIOR APPLICATION NUMBER: 80/124,270

PRIOR FILING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 846

SOFTWARB: Patentin Ver. 2.0

SEQ ID NO 617

LENGTH: 362

TYDE: DET
RESULT 7
US-09-815-242-10568
; Sequence 10568, Application US/09815242
; Patent No. US20020061569A1
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                                                                                                                                               밁
                                                                                                                                                                                                                                                                                                                      ; NAME/KBY: SITE ; LOCATION: (307)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino US-10-102-806-617
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Best Local Similarity
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                                                                                                                                                                                                                                  Matches
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CURRENT APPLICATION NUMBER: US/09/755,456
CURRENT FILING DATE: 2001-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: DANCHIN, ANTOINE
APPLICANT: VIVARES, CHRISTIAN
TITLE OF INVENTION: MICROSPORIDIAN POLAR TUBE PROTEINS, NUCLEIC ACIDS
TITLE OF INVENTION: CODING FOR THESE PROTEINS AND THEIR APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens FEATURE:
                                                                                                                                             71
                                                                                                                                                                                                                                Local Similarity tes 5; Conserv
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100.0%; E
ative 0;
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Pred. No. 3.9e+02;
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Query Match
Best Local Similarity
Watches 5; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
*PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10568
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 66, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-12-22 PRIOR APPLICATION NUMBER: 60/269,308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
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PRIOR FILING DATE: 2000-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Identification of Essential Genes
TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA.011A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                   ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute,
STREET: 87 CambridgePark Drive
                                                                                                                                                                                                                                        TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
                                                                                                                   CITY: Camb
STATE: MA
COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ohlsen, Kari L.
Zyskind, Judith W.
                                                                                                  COUNTRY: U.S.A.
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Yamamoto, Robert T
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                                                                                                                                      Cambridge
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Spaulding, Vikki
Agostino, Michael J.
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                                                                     US-10-042-431-76
; Sequence 76, Application US/10042431
; Sequence 70, US20020182675A1
; Publication US20020182675A1
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US-10-042-431-70
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Best Local Similarity ivv.
""" hes 5; Conservative
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Publication No. US20020182675A1
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SEQ ID NO 70
LENGTH: 760
                                                            GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MCCARTHY, Sean A
APPLICANT: BARNES, Thomas M
APPLICANT: FRASER, Christopher C
APPLICANT: SHARP, John D
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS
TITLE OF INVENTION: PREVENTIVE, THERAPEUTIC, AND
FILE REPERENCE: 10147-6U2
CURRENT APPLICATION NUMBER: US/10/042,431
CURRENT FILING DATE: 2001-10-25
CURRENT FILING DATE: 2001-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
NUMBER OF SEQ ID NOS: 79
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PRIOR FILING DATE: 1999-06-14
APPLICANT: MCCARTHY, Sean A
APPLICANT: BARNES, Thomas M
APPLICANT: FRASER, Christopher C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 66:
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                                                                                                                                                                                                              446 AVVPQ 450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , Match 100.0%; Score 24; DE Local Similarity 100.0%; Pred. No. 5.3 tes 5; Conservative 0; Mismatches
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ATTORNEY/AGENT INFORMATION:
NAME: Milasincic, Debra J.
REGISTRATION NUMBER: 46,931
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                   1 AVVPQ 5
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APPLICATION NUMBER: US/09/746,783
FILING DATE: 21-Dec-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 66:
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TYPE: amino acid
STRANDEDNESS: <Unknown>
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                                                                                                                                                                                                                                                                                                                100.0%;
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Pred. No. 5.3e+02;
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Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                Mismatches
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                                                                                                                                                                                                                                                                                                                                   Length 760;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-759-130B-440
                                           PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/608,452
PRIOR APPLICATION NUMBER: US 09/393,996
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 09/602,871
PRIOR FILING DATE: 2000-06-23
PRIOR PELICATION NUMBER: US 09/420,707
PRIOR PILING DATE: 1999-10-19
                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/9/759,130B
CURRENT FILING DATE: 2002-09-16
PRIOR APPLICATION NUMBER: US 09/479,249
PRIOR TILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/559,497
PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-04-27
PRIOR PRIOR APPLICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-05-24
PRIOR PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR PRIOR APPLICATION NUMBER: US 09/596,194
PRIOR FILING DATE: 1999-06-14
PRIOR FILING DATE: 2000-07-14
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 09/342,364
PRIOR APPLICATION NUMBER: US 09/342,364
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 76
LENGTH: 760
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING DIAGNOSTIC,
TITLE OF INVENTION: PREVENTIVE, THERAPEUTIC, AND OTHER USES
FILE REFERENCE: 10147-6U2
CURRENT APPLICATION NUMBER: US/10/042,431
CURRENT FILING DATE: 2001-10-25
FRIOR APPLICATION NUMBER: US 09/333,159
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR PILING DATE: 1999-06-14
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Holtzman, Douglas A
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE,
TITLE OF INVENTION: USES.
FILE REFERENCE: MP100-5350MNIM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                         NUMBER OF SEQ ID NOS: 460
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
SOFTWARE: FastSEQ for Windows Version 4.0
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Myers, Paul S
Leiby, Kevin R
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Kirst, Susan J
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Fraser, Christopher C
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Pred. No. 8.8e+02;
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US-09-759-130B-446
                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 09/479,249
PRIOR PILING DATE: 2000-01-07
PRIOR PELICATION NUMBER: US 09/559,497
PRIOR PELICATION NUMBER: US 09/578,063
PRIOR FILING DATE: 2000-04-27
PRIOR PELICATION NUMBER: US 09/578,063
PRIOR PELICATION NUMBER: US 09/333,159
PRIOR APPLICATION NUMBER: US 09/333,159
PRIOR PELICATION NUMBER: US 09/596,194
PRIOR PELICATION NUMBER: US 09/596,194
PRIOR APPLICATION NUMBER: US 09/342,364
PRIOR APPLICATION NUMBER: US 09/342,364
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                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 460
SOFTWARE: PastSEQ for Windows Version 4-0
SEQ ID NO 446
LENGTH: 760
                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 09/602,871
PRIOR PILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 09/420,707
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: HOLTZMAN, DOUGLAS A
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE,
TITLE OF INVENTION: USES.
FILE REFERENCE: MDIO0-5350MNIM
CURRENT APPLICATION NUMBER: US/09/759,130B
CURRENT FILING DATE: 2002-09-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Millennium Pharmaceuticals, Inc. APPLICANT: McCarthy, Sean A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PPLICANT:
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446 ÁVVPQ 450
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                                  1 AVVPQ 5
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APPLICATION NUMBER: US 09/608,452
                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 09/393,996 FILING DATE: 1999-09-10
                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Barnes, Thomas
Kirst, Susan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Fraser, Christ
Sharp, John D
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o. US20030022279A1
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                                                                100.0%; Score 24;
100.0%; Pred. No.
tive 0; Mismatch
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US-09-836-392-16
RESULT 15
US-10-101-388-3
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PRIOR FILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 78
LENGTH: 1237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application Patent No. US20020173458/
GENERAL INFORMATION:
APPLICANT: Ruben et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 78, Application U. Patent No. US20020142428A1
                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 2001-05-21 PRIOR APPLICATION NUMBER: US 09/345,473 PRIOR FILING DATE: 1999-06-30
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hodge, Martin R. TITLE OF INVENTION: NO. US20 FILE REFERENCE: 35800/234862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       09-862-027-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/165,914
PRIOR FILING DATE: 1999-11-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2000-10-11
PRIOR APPLICATION NUMBER: 60/159,542
PRIOR FILING DATE: 1999-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US00/28066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/836,392
CURRENT FILING DATE: 2001-04-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Protein Tyrosine Kinase Receptor Polynucleotides, Polypeptides, TITLE OF INVENTION: Antibodies
                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 82
                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/862,027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: PT020P1
                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                           Conservative
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100.0%; Pred. No. 1
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Pred. No.
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GENERAL INFORMATION: APPLICANT: Johal, G

Sequence 3, Application US/10101388 Patent No. US20020162142A1

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Result
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Maximum Match 100%
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Perfect score:
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         Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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seq length: 2000000000
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1: /cgm2_6/ptodata/1,
2: /cgm2_6/ptodata/1,
3: /cgm2_6/ptodata/1,
4: /cgm2_6/ptodata/1,
5: /cgm2_6/ptodata/1,
6: /cgm2_6/ptodata/1,
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/cgn2 6/ptodata/1/iaa/5B_COMB.pep:*
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/cgn2 6/ptodata/1/iaa/6B_COMB.pep:*
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/cgn2 6/ptodata/1/iaa/backfiles1.pep:*
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                 US-09-500-651-4
US-08-813-591-4
US-08-818-207A-325
US-08-818-207A-325
US-07-881-075-1
US-08-12-0827-1
US-08-12-0827-1
US-08-96-9046-4
US-08-96-9046-4
US-08-96-9046-4
US-08-96-9046-3
US-08-485-511-3
US-08-485-518-101
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US-08-485-518-101
US-08-913-363-101
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US-09-129-112-19
US-08-920-731C-13
US-08-920-731C-13
US-08-920-731C-13
US-08-920-731C-13
US-08-942-6568-2
US-08-485-56-664-39
US-08-656-664-39
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Sequence 325, Appli
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e 13, Appl
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e 39, Appl
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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
95.8	95.8	95.8	95.8		95.8	95.8		95.8			95.8		95.8				
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US-08-484-661A-35	US-08-484-661A-33	US-08-484-661A-29	US-08-484-661A-26	US-08-484-661A-23	US-08-484-661A-19	US-08-484-661A-16	US-08-484-661A-8	US-08-858-311-1	US-08-259-514-1	US-08-410-804-1	PCT-US96-09641-11	US-08-656-664-11	US-08-484-661A-11	PCT-US96-09641-37	US-08-656-664-37	US-08-484-661A-37	US-09-068-195-24
Sequence 35, Appl	Sequence 33, Appl	Sequence 29, Appl	-	•	•	Sequence 16, Appl	Sequence 8, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 11, Appl	Sequence 11, Appl	Sequence 11, Appl	Sequence 37, Appl	Sequence 37, Appl	•	Sequence 24, Appl

ALIGNMENTS

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PRILING DATE:

PILING DATE:

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: JP 030458/1997

PILING DATE: 14-FEB-1997

PILING DATE: 14-FEB-1997

ATTORNEY/AGENT INFORMATION:

NAME: OBLON, NORMAN F.

REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 10-845-0

TELECOMMUNICATION INFORMATION:

TELEPAN: 703-413-3000

TELEPAX: 703-413-220

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

IRNOTH: 16 amino acids
US-09-500-651-4
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRP PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/500,651
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: KAWAI, MISAKO
APPLICANT: MIWA, TETSUYA
APPLICANT: NIO, NORISUA
APPLICANT: NIO, NORISUA
TITLE OF INVENTION: AMINOPEPTIDASE GX, AND A METHOD OF
TITLE OF INVENTION: HYDROLYSING A PROTEIN WITH THE SAME
NUMBER OF SEQUENCES: 8
                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ASANO, MINAO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: OBLOM
ADDRESSEE: P.C.
STREET: 1755 S. (CITY: ARLINGTON
STATE: VA
COUNTRY: USA
TIE. 2700
                                                                                      LENGTH: 16 amino acids
TYPE: amino acid
                                           STRANDEDNESS: single TOPOLOGY: linear
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                     peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                           08/813,591
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RESULT 3
US-08-858-207A-325
; Sequence 325, Application US/08858207A
; Patent No. 6348328
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                                                                                                                                                                                                                                                                                                                                                                                                                            CURENTING SYSTEM: PC-UOS/NOT-UOS
CURRENT APPLICATION DATA:
APPLICATION UNMERR: US/08/813,591
FILING DATE: 07-MAR-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 051848/1996
FILING DATE: 08-MAR-1996
FILING DATE: 08-MAR-1996
PRIOR APPLICATION NUMBER: JP 030458/1997*
FILING DATE: 14-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10-845-0
TELEPHONE: 703-413-3000
TELEPHONE: 703-413-3000
TELEPAX: 703-413-3000
TELEPAX: 703-413-3000
TELEPAX: FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH- 16 amino acide
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Best Local S
Matches 5
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                     TOPOLOGY: 1i
MOLECULE TYPE:
-08-813-591-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: AMINOPEPTIDASE GX, AND A METHOD OF TITLE OF INVENTION: HYDROLYSING A PROTEIN WITH THE SAME NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ASANO, MINAO
APPLICANT: KAWAI, MISAKO
APPLICANT: MIWA, TETSUYA
APPLICANT: NIO, NORIKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
ZIP: 22202
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                                                                                                                                                                                                                                     Local Similarity
les 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 16 amino acids
TYPE: amino acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                       100.0%; Score 24; DB 2; Length 16; ilarity 100.0%; Pred. No. 16; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                    linear
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US-07-881-075-1
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                                                                                                                                GENERAL INFORMATION:
APPLICANT: KIENE, JACK D.
APPLICANT: KING, PETER H.
APPLICANT: LEVINE, TODD
TITLE OF INVENTION: METHO
TITLE OF INVENTION: RECOG
TITLE OF INVENTION: INVOL
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hodgson, John
APPLICANT: Knowles, David
APPLICANT: Knowles, Richard
APPLICANT: Stodola, Robert
TITLE OF INVENTION: No. 6348328el Compounds
NUMBER OF SEQUENCES: 552
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/07881075
Patent No. 5444149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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Best Local (
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858,207A
FILING DATE: 09-MAY-1997
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/017670
FILING DATE: 14-MAY-1996
AFTICNED DATE: 14-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R
REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P50475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 252 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                      173 AVVPQ 177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 AVVPQ 5
              CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
                                                                      ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER & NEUS
ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
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COUNTRY: U
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KING, PETER H.
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                                                                                                               OBLON, SPIVAK, McCLELLAND,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  No. 6348328e
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                                                                                                                                                       METHODS AND COMPOSITIONS USEFUL IN THE RECOGNITION, BINDING AND EXPRESSION OF INVOLVED IN CELL GROWTH, NEOPLASIA AND 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 24; DB 4; Length 252; 100.0%; Pred. No. 2.8e+02;
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                                                                                                                      MAIER & NEUSTADT
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE:

PatentIn Release #1.0, Version #1.25

US/07/881,075

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TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 485 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 24; DB 1; Length 485; Best Local Similarity 100.0%; Pred. No. 5.4e+02; Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/08120827 Patent No. 5525495
                                                            APPLICATION NUMBER: US/08/120,82
FILING DATE: 15-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, NO. 5525495man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 714-158
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY JAGENT INFORMATION:
NAME: Oblon, No. 5444149man F
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 714-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
TELEX: 248855 OPAT UNITED TO NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: LEVINE, TODD
TITLE OF INVENTION: METHO
TITLE OF INVENTION: RECOO
TITLE OF INVENTION: INVOI
NUMBER OF SEQUENCES: 101
                                                                                                                                                                                                                                               SOFTWARE: Patentin Rela
                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 19920511
CLASSIFICATION: 530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             119 AVVPQ 123
                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
                                             TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 485 amino acids
TYPE: AMINO ACID
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A.
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                         248855 OPAT UR
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KING, PETER H.
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                                                                                                                                                                                                                                                                         Release #1.0, Version #1.25
                                                                                                                                                                                                                              US/08/120,827
                                                                                                           714-158-0
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                                                                                                           CIP
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RESULT 7

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                                                                                                                                          US-08-478-675-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-478-675-1
                                                                                                                                                                                        TELEPHONE: (703)413-3000
TELEPAX: (703)413-2220
TELEX: 24885 OPAT UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 485 maino acids
TYPE: maino acid
                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/08478675 Patent No. 5773246
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                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,675
FILLING DATE: 07-UN-1996
                                                                                                                                                         TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                FILING DATE: 15-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5773246man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 714-11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: US 08/120,827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: LEVINE, TODD
TITLE OF INVENTION: METHODS AND COMPOSITIONS USEFUL IN THE
TITLE OF INVENTION: RECOGNITION, BINDING AND EXPRESSION OF RIBONUCLEIC ACIDS
TITLE OF INVENTION: INVOLVED IN CELL GROWTH, NEOPLASIA AND IMMUNOREGULATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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 119 AVVPQ 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           119 AVVPQ 123
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TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1755 Jes
CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           y Match 100.0%;
Local Similarity 100.0%;
hes 5; Conservative 0;
                                                                    Local Similarity
tes 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
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                                   1 AVVPQ 5
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                                                                      Conservative
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KING, PETER H.
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                                                                  100.0%; Score 24; DI
100.0%; Pred. No. 5.4
ative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 24; DB 1;
Pred. No. 5.4e+0;
Mismatches (
                                                                                     5.4e+02;
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                                                                                                         DB 1;
                                                                                                     Length 485;
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US-08-969-046-4

Sequence 4, Application US/08969046B Patent No. 6455762

INFORMATION:

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Query Match
Best Local Similarity
Watches 5; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; LENGTH: 570
; TYPE: PRT
; ORGANISM: Populus tremuloides Michx.
US-08-969-046-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Approx No. 5969106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 4
                                                                                                                                                                                 COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,364
PILING DATE: 07-AUG-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,552
PILING DATE: 07-AUG-1996
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 041082/0104
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Chiang, Vincent Lee C.
APPLICANT: Tsai, Chung-Jui
APPLICANT: Tsai, Chung-Jui
APPLICANT: Hu, Wen-Jing
TITLE OF INVENTION: Genetic engineering of trees through
TITLE OF INVENTION: manipulation of lignin biosynthesis
FILE REFERENCE: 881.003US1
CURRENT APPLICATION NUMBER: US/08/969,046B
CURRENT FILING DATE: 1997-11-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                              TELEFAX: (202) 672-5399 INFORMATION FOR SEQ ID NO:
  TOPOLOGY: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: KEELY, Fred W.
APPLICANT: ROTHSTEIN, Steven J.
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              493 AVVPQ 497
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 20007-5109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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                                        STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                      TELEPHONE:
                                                                                   ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08911364
                                                               amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 24; DB 4; ilarity 100.0%; Pred. No. 6.4e+02; Conservative 0; Mismatches n.
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                                                                                                                                                                        (202) 672-5300
peptide
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                                                                                                                            ; MOLECULE TYPE: protein US-08-464-700-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,700
FILING DATE: 7-JUN-195
CLASSIFICATION: 435
PRIOR APPLICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/08464700 Patent No. 6232458
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Best Local Similarity
                                                            Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                           PILING DATE: 22-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL9661
PILING DATE: 28-UN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/AU93/00655
PILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 733 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL6520
FILING DATE: 22-DEC-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                101 AVVPQ 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
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103 AVVPQ 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: Spring House
CITY: Spring House
STATE: Pennsylvania
                                                                                                                                                                                                                                                                                              NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: GHO
                                                                                                                                                                                                                                              TELEPHONE:
TELEFAX: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                             1 AVVPQ 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MARTIN, STEPHEN L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                               215-540-5818
                                                                 Conservative
                                                                                                                                                                linear
                                                                                                                                                                                                                                                               215-540-9200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SYNTHETIC POLYNUCLEOTIDES
                                                                             100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 24; DB 2; 100.0%; Pred. No. 8.2e+02;
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                                                                             Score 24; DB 4;
Pred. No. 8.3e+02;
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                                                                 Mismatches
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                                                                                             Length 733;
                                                                 Indels
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US-08-678-039A-40 US-08-678-039A-40 ; Sequence 40, Application US/08678039A ; Patent No. 5858662

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RESULT 11
US-09-100-804-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN Release #1.0, \
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/678,039/
FILING DATE: 10-JUL-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REGISTRATION NUMBER: 38,609
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: GONEZ,
APPLICANT: SARAS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 792 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MOTRIS, COILE
TITLE OF INVENTION: Diag
TITLE OF INVENTION: Will
TITLE OF INVENTION: Pree
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SENERAL INFORMATION:
                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 2:
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                       APPLICANT: HELDIN, CARL-HENRIK
TITLE OF INVENTION: PRIMARY STRUCTURE AND FUNCTIONAL
TITLE OF INVENTION: EXPRESSION OF NUCLEOTIDE SEQUENCES FOR NOVEL PROTEIN
TITLE OF INVENTION: TYROSINE PHOSPHATASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GRE
                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                        TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    127 AVVPQ 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity 100.0%;
les 5; Conservative
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ZIP: 20004
                                                                                                                                        STATE: MASSACHUSETTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                      COUNTRY:
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                                                                                                      02210
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                                                                                                                                                             BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       792 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Rothwell, Figg, Ernst & Kurz, P.C.
555 Thirteenth Street, N.W., Suite 701 East
                                                                                                                                                                                                                                                                                                                                                         GONEZ, LEONEL JORGE SARAS, JAN
                                                                                                                                                                           600 ATLANTIC AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  202-783-6031
                                                                                                                        USA
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                                                                                                                                                                                                                                                                                                                                    CLAESSON-WELSH, LENA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Keating,
PatentIn Release #1.0, Version #1.25
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Diagnosis of Williams Syndrome and
Williams Syndrome Cognitive Profile by Analysis of
Presence or Absence of a LIM-Kinase Gene
                                                                                                                                                                                               GREENFIELD & SACKS, P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mark T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US/08/678,039A
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Pred. No. 8.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 5632994
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/08410804 Patent No. 5632994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 4; Conserv
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/259,514
FILING DATE: 14-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-LJ 1389
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENCTH: 77 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: 111
MOLECULE TYPE:
HYPOTHETICAL: 1
                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/410,804
FILING DATE: 27-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PILING DATE: 01-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/
                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Cathryn Campbell
STREET: 4370 La Jolla Village Drive. Ste 700
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Reed, John C.
APPLICANT: Sato, Takaaki
TITLE OF INVENTION: FAS ASSOCIATED PROTEINS
NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 617-720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 01-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/350, FILING DATE: 09-AUG-1996
09-AUG-1996
09-AUG-1996
08/115,573
                                                                                                                                                                                                                                                                                                                COUNTRY: UI
                                                                                                                                                                                                                                                                                                                                                     STATE: California
                                                                                                                                                                                                                                                                                                                                                                        CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: LO461/7003
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Pred. No.
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RESULT 13
US-08-259-514-3
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                                                      RESULT 14
US-08-858-311-3
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Best Local Similarity 80.8
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/259,514
FILING DATE: 14-UUN-1994
CILASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn
REGISTRATION NUMBER: 31,815
REGISTRATION NUMBER: 31,815
                      Sequence 3, Application US/08858311
Patent No. 5876939
                                                                                                                                                                            Matches
                                                                                                                                                                                         Query Match
Best Local Similarity
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GENERAL INFORMATION:
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TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
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TOPOLOGY: linc

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APPLICANT: Sato, Takaaki
TITLE OP INVENTION: FAS ASSOCIATED PROTEINS
NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: P-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Cathryn Campbell
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STATE: California
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Pred. No. 1.8e+02
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Pred. No. 1.8e+02
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                                                         ; ORGANISM: Staphylococcus epidermidis US-09-134-001C-4308
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US-09-134-001C-4308
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                                                                                                                             GENERAL INFORMATION:
APPLICANT: LYND DOUGETTE-Stamm et al
APPLICANT: LYND DOUGETTE-STAMM et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT PILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/64,964
PRIOR APPLICATION NUMBER: US 60/65,779
PRIOR FILING DATE: 1997-11-08
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 4308
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Best Local Similarity
Matches 4; Conserv
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/410,804
FILING DATE: 27-MAR-1995
APPLICATION NUMBER: US 08/259,514
FILING DATE: 14-JUN-1994
ATTORNEY/ACENT INFORMATION:
NAME: Campbell, Cathryn
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 1389
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO:
                                                                                                TYPE: PRT
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LENGTH: 97 amino acids
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                                                                                                                   ENGTH: 282
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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4370 La Jolla Village Drive. Ste 700
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Takaaki
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95.8%;
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    Mismatches

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Pred. No.
  Score 23; DB 4;
Pred. No. 5.2e+02;
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Query Match Best Local Similarity

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Search completed: April 16, 2003, 09:40:01 Job time: 9.69565 secs
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Result
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Maximum
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed,
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2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*

3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep:*

4: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*

5: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US00_NEW_COMB.pep:*

7: /cgn2_6/ptodata/1/paa/US00_NEW_COMB.pep:*
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Gapop 10.0 ,
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Maximum Match 100%
Listing first 45 summaries
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US-09-580-156D-48
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US-09-580-893C-54
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US-09-580-893D-54
US-09-580-110E-54
US-09-580-110E-54
US-09-580-156D-54
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US-09-580-110E-44
US-09-580-110E-46
US-09-580-110E-48
US-09-580-156D-44
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US-09-580-893C-46
US-09-580-893C-48
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US-09-580-893D-44
US-09-580-893D-46
       US-09-950-084-5810
US-60-453-135-10290
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             40, Appl
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Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
48, Appl	66068, A	65138, A	21934, A	96011, A	96011, A	4, Appli	4, Appli	17957, A	8863, Ap	5110, Ap	5110, Ap	9139, Ap	9139, Ap	9139, Ap	43976, A	10289, A	10289, A	38, Appl

ALIGNMENTS

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Query Match
Best Local Similarity
Marches 6; Conserve
                                                                                                                                                                                                                                                                  RESULT 2
US-09-580-893C-46
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US-09-580-893C-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: ACETYLATION US-09-580-893C-44
Sequence 46, Application US/09580893C
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPRANGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 46
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT FILLING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: MOD_RES
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1 GAVVPQ 6
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ilarity 100.0%; Pred. No. 6e-
Conservative 0; Mismatches
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RESULT 4
US-09-580-893D-44
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Best Local Similarity
Marches 6; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
3EQ ID NO 48
LENGTH: JIMENEZ JR. 10-08
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Best Local Similarity
Matches 6; Conserv
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 44
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                                                                                                                                                                                                                                                                                                                                  Sequence 44, Application US/09580893D GENERAL INFORMATION:
                                                                                                                                                                                                                                              APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
OTHER INFORMATION: ACETYLATION -09-580-893D-44
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ORGANISM: Artificial Sequence
FEATURE:
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TYPE PRI
ORGANIEM: Artificial Sequence
FEATURE:
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NAME/KEY: MOD_RES
LOCATION: (6)
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                                                                                OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                           NAME/KEY: MOD_RES
                                                                                                     FEATURE:
                                                                                                               DRGANISM: Artificial Sequence
                             OCATION:
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Pred. No. 6e+05;
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Pred. No.
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               Query Match
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Thes 6; Conserve
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OTHER INFORMATION: Description of Artificial Sequence: Peptide FEATURE:
NAME/KEY: MOD_RES
LOCATION: (6)
OTHER INFORMATION: AMIDATION
US-09-580-893D-48
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US-09-580-893D-48
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CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 46
                                                                                                                                                                                                                                                           APPLICANT: SANDERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMMAS F
APPLICANT: JIMMAS F
APPLICANT: JIMMAS F
APPLICATI JR. FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION UNMEER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTMARE: Patentin Ver. 2.1
SEQ ID NO 48
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
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Pred. No.
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Pred. No. 6e+05;
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APPLICANT: Mitts, Thomas F.

APPLICANT: Sandberg, Lawrence B.

APPLICANT: Sandberg, Lawrence B.

TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF TITLE OF INVENTION: ENHANCING AGENTS

FILE REFERENCE: 25812-13

CURRENT APPLICATION NUMBER: US/09/580,110E

CURRENT FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 75

SOFTWARE: Patentin version 3.1

SEQ ID NO 44
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US-09-580-110E-48
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US-09-580-110E-44
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Sequence 48, Application US/09580110E GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn version 3.1
SEQ ID NO 46
LENGTH: 6
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GENERAL INFORMATION:
APPLICANT: Mitte, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND
TITLE OF INVENTION: ENHANCING AGENTS
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                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 25812-13
                                                                                                                                                                                                                                                                 ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                                                                                                              TYPE: PRT
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LOCATION: (1)..(1)
OTHER INFORMATION:
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APPLICANT: Sandberg, LAWTENCE B.

7 TITLE OF INVENTION: ENHANCING AGENTS

FILE REFERENCE: 25812-13

CURRENT APPLICATION NUMBER: US/09/580,110E

CURRENT FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 75

SOFTWARE: Patentin version 3.1

SEQ ID NO 48

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US-09-580-156D-46
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                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.1
SEQ ID NO 44
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                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US99/05496
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 25812-5CIP
                                                                                                                                                                                             NAME/KEY: MOD_RES
LOCATION: (1)..(1)
OTHER INFORMATION:
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LOCATION: (6)..(6)
OTHER INFORMATION:
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ORGANISM: Artificial
                                                                                                                                                                                                                                           FEATURE:
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Sequence 46, Application US/09580156D GENERAL INFORMATION:

APPLICANT: Lawrence, Sandberg B. APPLICANT: Thomas, Mitts F.

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LENGTH: 6
                                                                                           Sequence 51, Application US/09580893C GENERAL INFORMATION:
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PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/580,156D CURRENT FILING DATE: 2000-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Thomas, Mitts F. TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES THEREOFFILE REFERENCE: 25812-5CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lawrence, APPLICANT: Thomas, N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US99/05496
                                                      APPLICANT: SANDBERG, LAWRE APPLICANT: MITTS, THOMAS
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APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: MOD RES
LOCATION: (6)...(6)
OTHER INFORMATION: AMIDATION
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Pred. No. 6e+05;
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US-09-580-893D-51
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Best Local Similarity
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                              FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
                                                                              APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMSMEZ JR, FELLPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
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NUMBER OF SEQ ID NOS: 75
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TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SANDBERG, LAWRE APPLICANT: MITTS, THOMAS APPLICANT: JIMENEZ JR, FE
              CURRENT FILING DATE: 2002-10-08 NUMBER OF SEQ ID NOS: 75
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ORGANISM: Artificial Sequence
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Pred. No.
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; LENGTH: 8
; TYPE; PRT
; ORGANISM: Artificial Sequence
; PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Peptide
; PEATURE:
NAME/KEY: DISULFID
; LOCATION: (1)..(8)
; OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
US-09-580-893D-51

Query Match
Best Local Similarity 100.0%; Score 30; DB 5; Length 8;
Best Local Similarity 100.0%; Pred. No. 6e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy | GAVVPQ 6
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Search completed: April 16, 2003, 09:50:49

Job time: 25 secs
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Post-processing: Minimum Match 0%
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m2_6/ptodata/1/paa/US096_COMB.pep: m2_6/ptodata/1/paa/US097_COMB.pep: m2_6/ptodata/1/paa/US097_COMB.pep: m2_6/ptodata/1/paa/US099_COMB.pep: m2_6/ptodata/1/paa/US100_COMB.pep: m2_6/ptodata/1/paa/US100_COMB.pep: m2_6/ptodata/1/paa/US101_COMB.pep: m3_6/ptodata/1/paa/US101_COMB.pep: m3_6/ptodata/1/paa/US101_COMB.pep.
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2 6/ptodata/1/paa/US06_COMB.pep:*
2 6/ptodata/1/paa/US07_COMB.pep:*
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12_6/ptcdata/1/paa/US086_COMB.pep:*
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12_6/ptcdata/1/paa/US099_COMB.pep:*
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_6/ptodata/1/paa/US094_COMB.pep:*
_6/ptodata/1/paa/US095_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

44444	Result No.
00000	Score
100.0 100.0 100.0 100.0	Query Match Length DB
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1991	DB
US-09-584-001-46 US-09-584-001-46 US-09-584-001-48 US-09-584-001C-44 US-09-584-001C-46 US-09-584-001C-46	ID
Sequence 44, Appl Sequence 46, Appl Sequence 48, Appl Sequence 44, Appl Sequence 46, Appl Sequence 48, Appl	Description

Query Match

100.0%; Score 30;

DB 19; Length 6;

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US-09-743-818-71 US-09-743-818-71 US-09-743-818-71 US-09-743-818-7 PCT-US02-17382-189 US-09-538-092-1061 US-09-947-23 US-09-791-537-86072 US-09-791-537-86072 US-09-791-537-86072 US-09-743-818-6 US-09-743-818-6 US-09-743-818-6 US-09-743-818-5 US-09-554-996-3 US-09-554-996-3 US-09-554-996-3 US-09-554-996-8 US-09-9340-736A-1	-09-584-001-51 -09-584-001C-51 -09-584-001C-54 -09-584-001C-54 -09-709-947-18 -09-708-427-7848 -09-708-427-7848 -09-708-427-7848 -09-708-427-7848 -09-708-427-7848 -09-708-427-3346 -09-708-427-3346 -09-708-427-3346 -09-708-427-3346 -09-708-427-2346
sequence 42641, A sequence 71, App Sequence 1054, Ap Sequence 1061, Appli Sequence 23, Appl Sequence 23, Appl Sequence 26, Appli Sequence 5, Appli Sequence 7, Appli Sequence 2477, Ap Sequence 3, Appli Sequence 5, Appli Sequence 3, Appli Sequence 3, Appli Sequence 4150, Ap Sequence 5810, Ap Sequence 8, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli	51, App 54, App 51, App 51, App 18, App 18, App 18482, 78482, 78480, 78480, 78480, 78480, 78480, 78480, 78480, 78480, 78480,

ALIGNMENTS

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US-09-584-001-44
; Sequence 44, Application US/09584001
; GENERAL INFORMATION:
; APPLICANT: SANDBERG, LAWRENCE
; APPLICANT: SANDBERG, LAWRENCE
; APPLICANT: MITTS, THOMAS F.
; TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
; FILE REFERENCE: 99494US
; CURRENT APPLICATION NUMBER: US/09/584,001
; CURRENT FILING DATE: 2000-05-30
; EARLIER FILING DATE: 1998-03-13
; EARLIER FILING DATE: 1998-03-13
; EARLIER APPLICATION NUMBER: PCT/US99/05496
; EARLIER APPLICATION NUMBER: PCT/US99/05496
; EARLIER FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PATENTIN Ver. 2.1
; SEQ ID NO 44
; LEGITH: 6
   TYPE: PRT
   ORGANISM: Artificial Sequence
   PEATURE:
   OTHER INFORMATION: Description of Artificial Sequence: peptide
   PEATURE:
   NAME/KEY: MOD RES
   LOCATION: (1)
; OTHER INFORMATION: ACETYLATION
US-09-584-001-44
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RESULT 2
US-09-584-001-46
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GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
PILE DEPERATOR ORGANIC
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Matches 6; Conserv
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                                                                                                                                                                                                                                                  SEQ ID NO 48
LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 48, Application US/09584001 GENERAL INFORMATION:
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                  Matches
                             Query Match
Best Local Similarity
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CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER FILING DATE: 1998-03-12
EARLIER FILING DATE: 1999-03-12
NUMBER: OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                     EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 99494US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 99494US
                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
                                                                                                                                                                        FEATURE: MOD_RES
                                                                                                                                       LOCATION: (6) TOTHER INFORMATION: AMIDATION
                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH: 6
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                · 100.0%; Score 30; DB 19; Length 6; llarity 100.0%; Pred. No. 4.2e+06; Conservative 0; Mismatches 0; Indels
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US-09-584-001C-46
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                                                                     US-09-584-001C-48
                                                                                        RESULT 6
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NAME/KEY: MOD_RES
LOCATION: (6)
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                               Sequence 48, Application US/09584001C GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 46
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                                                                                                                                                                                                                   Matches
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   APPLICANT: Mitts, Thomas F. APPLICANT: Sandberg, Lawre
                                                                                                                                                                                                                                                                                                                        LENGTH: 6
TYPE: PRT
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ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                       ORGANISM: mammalian
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Sandberg, Lawrence B.
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NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 44
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                                                                                                                                                                                                                                                                                                             Sequence 46, Application US/09584001C GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
                                                                                                                                                                               FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs
                                                                                                                                                                                                                                                                                           APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: MOD_RES
LOCATION: (1)
OTHER INFORMATION: ACETYLATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: AMIDATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 30; DB 19;
100.0%; Pred. No. 4.2e+06;
                 100.0%; Score 30; DB 19; 100.0%; Pred. No. 4.2e+06;
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Gaps
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; TYPE: PRT
; ORGANISM: mammalian
; FEATURE:
; PAME/KEY: MOD_RES
; LOCATION: (6)
; OTHER INFORMATION: AMIDATION
US-09-584-001C-48
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Best Local Similarity
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US-09-584-001-54
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CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 51
LENGTH: 8
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                                                                                                                                                                                                                                                                  Sequence 54, Application US/09584001 GENERAL INFORMATION:
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FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER FILING DATE: 1998-03-12
EARLIER FILING DATE: 1999-03-12
NUMBER: 0P SEQ ID NOS: 75
COUNTY OF THE PERTANCE OF
APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
FILE REFERICE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SANDBERG, APPLICANT: MITTS, TH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: DISULFID LOCATION: (1)..(8)
OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: peptide
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100.0%; Pred. No.
ative 0; Mismatch
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CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver: 2.1
SEQ ID NO 54
LENGTH: 8
TYPE: PRT
ORGANISM: mammalian
US-09-584-001C-54
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Best Local Similarity
Matches 6; Conserv:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 51, Application US/09584001C GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs
FILE REFERENCE: 25812-11
                                                                                                                                                                                                                                                                   Sequence 54, Application US/09584001C GENERAL INFORMATION:
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Query Match
Best Local Similarity
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Matches 6; Conserv
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APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs
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EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
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TYPE: PRT
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ORGANISM: Artificial Sequence
FEATURE:
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100.0%;
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Pred. No. 4.2e+06;
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                                        US-09-709-954-18
                                                                                                                                SOFTWARE: P
SEQ ID NO 18
LENGTH: 24
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GENERAL INFORMATION:
APPLICANT: Watkins, Brynmor
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Matches 6; Conserv
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Hery Match
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PRIOR APPLICATION NUMBER: US 60/178,860
PRIOR FILING DATE: 2000-01-77
PRIOR APPLICATION
                                                                                                                                                                                                               PRIOR FILING DATE: 1999-12-1,
PRIOR PRIOR EDITION NUMBER: US 60/178,860
PRIOR FILING DATE: 2000-01-27
PRIOR FILING DATE: US 60/201,721
                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: MTP-026
CURRENT APPLICATION NUMBER: US/09/709,954
CURRENT FILING DATE: 2000-11-10
PRIOR APPLICATION NUMBER: US 60/165,173
PRIOR FILING DATE: 1999-11-16
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CURRENT FILING DATE: 2000-11-10
PRIOR APPLICATION NUMBER: US 60/165,173
PRIOR FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: US 60/172,170
PRIOR FILING DATE: 1999-12-17
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                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Methods and Compositions for Identifying Disease TITLE OF INVENTION: Markers
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ORGANISM: Artificial Sequence
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                                                                                            ORGANISM: Artificial Sequence
                                                       OTHER INFORMATION: Description of Artificial Sequence:tryptic peptide
                                                                              FEATURE:
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R APPLICATION NUMBER: US ...

R APPLICATION NUMBER: 2000-05-03

TTITING DATE: 2000-05-03
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FILING DATE: 2000-05-03
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Pred. No.
 Score 30;
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; NAME/KEY: misc_feature
; LOCATION: 1..235
; OTHER INFORMATION: Xaa is any ar
; NAME/KEY: misc_feature
; LOCATION: 1..235
; OTHER INFORMATION: Ceres Seq. II
US-09-708-427-53468
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US-09-708-427-78482
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; Sequence 53468, Application US/09708427
; GENERAL INFORMATION:
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TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS.
TITLE OF INVENTION: THEREBY
FILE REFERENCE: 2750-1243P
CURRENT APPLICATION NUMBER: US/09/708,427
CURRENT FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 85364
SOPTWARE: Patentin version 3.1
SEQ ID NO 78482
LENGTH: 233
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                                                                                                                                                                                                                        CURRENT FILING DATE: 2000-11-0
NUMBER OF SEQ ID NOS: 85364
SOFTWARE: PatentIn version 3.1
SEQ ID NO 53468
LENGTH: 235
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OTHER INFORMATION: Xaa is NAME/KEY: misc feature LOCATION: 1..233
OTHER INFORMATION: Ceres S
   Matches
                              Query Match
                                                                                                                                                                                                                                                                                                                        APPLICANT: N. ALEXANDROV et al.
TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
TITLE OF INVENTION: THEREBY
FILE REFERENCE: 2750-1243P
                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/708,427
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               Local
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                                                                                 ID 1931311
               Score 30; DB 21;
Pred. No. 3.9e+02;
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RESULT 15
US-09-708-427-78481
Sequence 798481, Application US/09708427
GENERAL INFORMATION:
APPLICANT: N. ALEXANDROV et al.
TITLE OF INVENTION: THEREBY
FILE REFERENCE: 2750-1243p
CURRENT APPLICATION NUMBER: US/09/708,427
CURRENT APPLICATION UNMBER: US/09/708,427
CURRENT FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 85364
SOFTWARE: Patentin version 3.1
SEQ ID NO 78481
LENGTH: 240
TYPE: PRT
ORGANISM: Zea mays subsp. mays
FEATURE:
NAME/KEY: misc feature
LOCATION: 1.240
OTHER INFORMATION: Xaa is any amino acid
NAME/KEY: misc feature
LOCATION: 1.240
OTHER INFORMATION: Ceres Seq. ID 1962953
US-09-708-427-78481
                                                                            .B
Search completed: April 16, 2003, 09:49:12 Job time : 143.391 secs
                                                                                                                                                                  Query Match 100.0%; Score 30; DB 21; Length 240; Best Local Similarity 100.0%; Pred. No. 4e+02; Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                 1 GAVVPQ 6
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92 GAVVPQ 97
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                             Database
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Run on:
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Published Applications AA:*

1: /cgn2 6/ptodata/1/pubpaa/USO8 NEW PUB.pep:*

2: /cgn2-6/ptodata/1/pubpaa/USO6 NEW PUB.pep:*

3: /cgn2-6/ptodata/1/pubpaa/USO6 NEW PUB.pep:*

4: /cgn2-6/ptodata/1/pubpaa/USO7 NEW PUB.pep:*

5: /cgn2-6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

6: /cgn2-6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

7: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

9: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

9: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

10: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

11: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

12: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

13: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*

14: /cgn2-6/ptodata/1/pubpaa/USO9 PUBCOMB.pep:*
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Copyright (c) 1993 - 2003 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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26	26	26	26	26	26	26	26	26	26	26	27	28	28	28	28	29		30	Score
86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	90.0	93.3	93.3	93.3	93.3	96.7	100.0	100.0	Query Match
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US-09-990-046-15	US-09-990-046-17	US-09-990-046-16	US-09-844-908-10	US-09-796-872-2	US-09-844-988-10	US-10-160-865-14	US-10-186-399-2	US-09-712-363-156	US-10-224-413-4	US-10-224-413-5	US-09-864-761-43664	US-09-280-197-6	US-09-423-126-4	US-09-280-197-5	US-09-423-126-3	US-09-997-900-2	US-09-815-242-12913	US-09-815-242-5815	ID
	17,	Sequence 16, Appl	0			Sequence 14, Appl		Sequence 156, App	Sequence 4, Appli	Sequence 5, Appli	Sequence 43664, A	Sequence 6, Appli	Sequence 4, Appli	Sequence 5, Appli	Sequence 3, Appli	Sequence 2, Appli	Sequence 12913, A	Sequence 5815, Ap	Description

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	, 28	27	26	25	24	23	22	21	20
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	26	26
83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3		83.3		83.3	83.3		83.3		83.3	83.3	83.3	83.3	83.3	83.3	86.7	86.7
260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	259	234	72	72	57	38	32	1261	818
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US-10-005-306-17	US-10-005-306-16	US-10-005-306-15	US-10-005-306-14	US-10-005-306-13	US-10-005-306-12	US-10-005-306-11	US-10-005-306-10	US-10-005-306-9	US-10-005-306-8	US-10-005-306-7	US-10-005-306-6	US-10-005-306-5	US-10-005-306-4	US-10-005-306-3	US-10-005-306-2	US-10-005-306-1	US-09-815-242-5146	US-10-078-770-32	US-09-925-299-1019	US-09-925-299-1019	US-09-983-802-275	US-09-864-761-34467	US-09-864-761-38673	US-10-175-158-2	US-09-833-790-366
Sequence 17, Appl	Sequence 16, Appl	Sequence 15, Appl	Sequence 14, Appl	Sequence 13, Appl	-	•	Sequence 10, Appl	Sequence 9, Appli	Sequence 8, Appli	Sequence 7, Appli	Sequence 6, Appli	Sequence 5, Appli	Sequence 4, Appli	Sequence 3, Appli	Sequence 2, Appli	Sequence 1, Appli	Sequence 5146, Ap	Sequence 32, Appl	Sequence 1019, Ap	Sequence 1019, Ap	Sequence 275, App	Sequence 34467, A	Sequence 38673, A	Sequence 2, Appli	Sequence 366, App

ALIGNMENTS

RESULT 1 US-09-815-242-5815

```
APPLICANT: Carr, Grant J.

APPLICANT: Yamamoto, Robert T.

APPLICANT: Xu, H. Howard

TITLE OF INVENTION: Identification of Essential Genes in TITLE OF INVENTION: Prokaryotes

FILE REFERENCE: ELITRA, 011A

CURRENT APPLICATION NUMBER: US/09/815,242

CURRENT FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR PRIOR PILING DATE: 2000-05-23

PRIOR PILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR FILING DATE: 2000-11-27

PRIOR FILING DATE: 2000-11-27

PRIOR APPLICATION NUMBER: 60/253,625

PRIOR FILING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR FILING DATE: 2000-12-22

DETOR ADDITCATION NUMBER: 60/257,931
                                                                                                   ; ORGANISM: Staphylococcus aureus US-09-815-242-5815
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**APPLICANT: Ohlsen, Kari L.

APPLICANT: Zyskind, Judith W.

APPLICANT: Wall, Daniel

APPLICANT: Trawick, John D.
                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5815
LENGTH: 2076
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5815, Application US/09815242 Patent No. US20020061569A1 GENERAL INFORMATION:
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/269,308 PRIOR FILING DATE: 2001-02-16
      100.0%;
      Score 30;
Pred. No.
                                Length 2076;
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; DB 10; . 2.7e+02;

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RESULT 2
US-09-815-242-12913
, Sequence 12913, Application
, Sequence 12913, Application
, Sequence 12913, Application
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Staphylococcus aureus US-09-815-242-12913
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SEQ ID NO 12913
LENGTH: 2186
                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Sun, Ming
APPLICANT: Hu, Weiming
TITLE OF INVENTION: fin Plants
FILE REFERENCE: 043753/241148 (5849-20A)
CURRENT APPLICATION UNMBER: US/09/97,900
CURRENT FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/106,239
PRIOR APPLICATION NUMBER: 60/106,239
PRIOR APPLICATION NUMBER: 09/426,568
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Best Local Similarity
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                                                                                                                                                                            APPLICANT: Kakefuda, Genichi
APPLICANT: Costello, Colleen
APPLICANT: Sun, Ming
APPLICANT: Hu, Weiming
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/191,078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Identification of Essential Genes
TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA,011A
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APPLICANT:
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PRIOR FILING DATE: 2000-05-23
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FILING DATE: 2000-11-27
APPLICATION NUMBER: 60/257,931
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 2000-12-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 30; DB 10; ilarity 100.0%; Pred. No. 2.8e+02; Conservative 0; Mismatches 0;
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TITLE OF INVENTION: A PROCESS OF PREPARING AN
FILE REFERENCE: 674509-2020
CURRENT APPLICATION NUMBER: US/09/423,126
CURRENT FILING DATE: 1999-11-05
PRIOR APPLICATION NUMBER: PCT/IB98/00708
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: GB 9709161.5
PRIOR FILING DATE: 1997-05-06
NUMBER OF SEQ ID NOS: 12
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                                                                                                                                                                                                                                                                                       Sequence 5, Application US/09280197 Patent No. US20020142403A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.0 SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/09423126 Patent No. US20020170083A1 GEMERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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NUMBER OF SEQ ID NOS: 11
SOFTWARE: PATENTIN VER: 2.1
SEQ ID NO 2
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                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: fungus sp. or fungus infected gracilariopsis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Unknown FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 491
TYPE: PRT
                                                                                    APPLICANT: MATCUSSEN, Jan
APPLICANT: MATCUSSEN, Jon
APPLICANT: Christensen, Tove
TITLE OF INVENTION: USE OF '-1,4-GLUCAN LYASE FOR PREPARATION OF
TITLE OF INVENTION: 1,5-D-ANHYDROFRUCTOSE
NUMBER OF SEQUENCES: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                         APPLICANT:
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                                       STREET: 620 Newport CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity tes 4; Conserv
COUNTRY: U
                                                                              ADDRESSEE:
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les 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                1 GAVVPQ 6
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                                                          E: Knobbe, Martens, Olson & Bear
620 Newport Center Drive 16th Floor
              U.S.A.
                                                                                                                                                                                        Bojko, Maja
Nielsen, John
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 29;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                               3.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AN ANTI-OXIDANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         10;
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COMPUTER READABLE FORM: MEDIUM TYPE: Diskett

: Diskette IBM Compatible

OPERATING SYSTEM:

DOS

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                                                                                                                                       US-09-423-126-4
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Best Local Similarity 65..
Thes 4; Conservative
                                                                                                                                                                                                          SEQ ID NO 4
LENGTH: 1070
TYPE: PRT
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Patent No. US20020170083A1
GENERAL INFORMATION:
                                                                     Matches
                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/423,126
CURRENT FILING DATE: 1999-11-05
PRIOR APPLICATION NUMBER: PCT/IB98/00708
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: GB 9709161.5
                                                                                                                                                                                                                                                      PRIOR FILING DATE: 1997-05-06
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 674509-2020
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Buchter-Larsen, et al.
TITLE OF INVENTION: A PROCESS OF PREPARING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                               OTHER INFORMATION: fungus sp. or fungus infected gracilariopsis sp
                                                                                                                                                                                         ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/633,719
PILING DATE: July 8, 1996
APPLICATION NUMBER: PCT/EP94/03397
PILING DATE: OCT-15-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Altman, Daniel E
REGISTRATION INDMER: 34,115
REFERENCE/DOCKET NUMBER: DY
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
   879
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                                                                                    Local Similarity
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TELEFAX: 714-760-9502
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                                 1 GAVVPQ 6
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GAIIPQ 884
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                                                                   Conservative
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Pred. No. 3.7e+02;
2; Mismatches 0
                                                                  Score 28; DB 9;
Pred. No. 3.7e+02;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                  AN ANTI-OXIDANT
                                                                                                  Length 1070;
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                                                                  Indels
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RESULT 7

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Query Match
Best Local Similarity
Tatches 4; Conserva
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                                                                                                                                                               Sequence 43664, Application US/09864761 Patent No. US20020048763A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. US20020142403A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6,
                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/633,719

FILING DATE: JULY 8, 1996

APPLICATION NUMBER: PCT/EP94/03397

FILING DATE: OCT-15-1994

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115
                                                                                                                                                                                                09-864-761-43664
                                                                   APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
                                TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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LENGTH: 1070 amino aci
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Christensen, Tove
TITLE OF INVENTION: USE OF '-1,4-GLUCAN LYASE FOR PREPARATION OF
TITLE OF INVENTION: 1,5-D-ANHYDROPRUCTOSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                         879 GAIIPQ 884
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STATE: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                              1 GAVVPQ 6
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APPLICATION NUMBER: US/09/864,761
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GY: linear
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                                                                                                                                                                                                                                                                                                                                                                  Score 28;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                DB 10; Length 1070;
3.7e+02;
hes 0; Indels
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CURRENT FILING DATE:

APPLICATION NUMBER: US 60/180,312

2001-05-23

2000-02-04

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                                                                                     Sequence 5, Application US/10224413
Publication No. US20030013167A1
GENERAL INFORMATION:
APPLICANT: YE, Jane et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Annomax Sequence Listing Engine vers. 1.1 SEQ ID NO 43664
                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 09/774,203 PRIOR FILING DATE: 2001-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 49117
TITLE OF INVENTION:
                                                          APPLICANT: YE, Jane et al. TITLE OF INVENTION: ISOLAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: MAP TO AC005104.1

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.88

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN EXPRESSED IN EXPRESSED IN BOULT LIVER, SIGNAL = 1.2

OTHER INFORMATION: EXPRESSED IN EXPRESSED IN EXALUE 8.00e

OTHER INFORMATION: SWISSPROT HIT: Q11103, EVALUE 5.20e+00
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TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                             183 GSVVPQ 188
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                                                                                                                                                                                                                                                                                                                                             1 GAVVPQ 6
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
APPLICATION NUMBER: US 09/608,408
FILING DATE: 2000-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00661
                                                                                                                                                                                                                                                                                                                                                                                             Similarity
5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                  ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND
                                                                                                                                                                                                                                                                                                                                                                                                                        90.0%;
                                                                                                                                                                                                                                                                                                                                                                                                1;
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Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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LUE 5.20e+00
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Query Match
Best Local Similarity
Thehes 4; Conserve
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                                  TITLE OF INVENTION: DETERMINING THE FUNCTIONS AND TITLE OF INVENTION: INTERACTIONS OF PROTEINS BY FILLE REFERENCE: 07419-032001
CCURRENT APPLICATION NUMBER: US/09/712,363
CURRENT FILING DATE: 2000-11-13
PRIOR APPLICATION NUMBER: PCT/US00/02246
PRIOR APPLICATION NUMBER: 60/179,531
PRIOR APPLICATION NUMBER: 60/179,531
PRIOR APPLICATION NUMBER: 60/179,531
PRIOR FILING DATE: 2000-02-01
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CURRENT FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: 09/810,347
PRIOR FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/10224413
Publication No. US20030013167A1
GENERAL INFORMATION:
APPLICANT: YE, Jane et al.
TITLE OF INVENTION: ISOLATED HUMAN ENZYME PROTEINS,
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN E
                                                                                                                                                                                                                                                                    Sequence 156, Application US/09712363
Patent No. US20020164588A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/224,413
CURRENT FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: 09/810,347
PRIOR FILING DATE: 2001-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: CL001169
                                                                                                                                                                                                             APPLICANT: Eisenberg, David
APPLICANT: Rotstein, Sergio H.
APPLICANT: Marcotte, Edward M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Human
PRIOR APPLICATION NUMBER: 60/117,844
PRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 307
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                                                                                                                                                                                                                                                                                                                                                                                                             352 GSIVPQ 357
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Pred. No. 2.8e+02;
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Pred. No. 3.3e+02;
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                                                                                                                                                                             COMPARATIVE
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FILING DATE: 1999-02-01 APPLICATION NUMBER: 60/ FILING DATE: 1999-03-26

60/126,593

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; SEQ ID NO 2
; LENGTH: 651
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-186-399-2
                                                                                                                                                                                 RESULT 13
US-10-160-865-14
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PRIOR FILING DATE: 1999-05-14
PRIOR PELICATION NUMBER: 60/134,092
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/165,124
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 60/165,086
PRIOR FILING DATE: 1999-11-12
PRIOR FILING DATE: 1999-11-12
                Sequence 14, Application US/10160865
Patent No. US20020169139A1
GENERAL INFORMATION:
APPLICANT: Lee, Mu-En
APPLICANT: Hsieh, Chung-Ming
TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC
TITLE OF INVENTION: MUSCLE CELL ISOFORMS AND USES THEREOF
FILE REFERENCE: 05433/038001
                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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Best Local Similarity
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Patent No. US20020173481A1
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CURRENT APPLICATION NUMBER: US/10/186,399
CURRENT FILING DATE: 2002-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Arighi, Elena
APPLICANT: Vastrik, Imre
APPLICANT: Tamagnone, Luca
APPLICANT: Tamagnone, Luca
APPLICANT: Alitalo, Kari
TITLE OF INVENTION: REGULATION OF VASCULAR ENDOTHELIUM USING BMX TYROSINE
TITLE OF INVENTION: KINASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 08/320,432
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.0
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CURRENT APPLICATION NUMBER: US/10/160,865
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|188 GAILPQ 193
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Local Similarity 66.7%;
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29 GSIVPQ 34
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Pred. No. 4.9e+02;
"" matches 0;
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Pred. No. 6.2e+02;
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Best Local Similarity 83...
"""Ches 5; Conservative
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  Query Match
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PRIOR APPLICATION NUMBER: US/09/134,250
PRIOR FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: US 08/795,868
PRIOR FILING DATE: 1997-02-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US 08/494,577 PRIOR FILING DATE: 1995-06-22
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ORGANISM: Homo sapiens
                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 10:
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                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/844,988
FILING DATE: 26-Apr-2001
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/910,820
APPLICATION NUMBER: 08/910,820
APPLICATION NUMBER: 08/910,820
FILING DATE: 1997-08-13
ATTORNEY,AGENT INFORMATION:
NAME: MAKi, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 860098.413C1
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                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 745 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 25 CORRESPONDENCE ADDRESS:
                                                        SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: STIMULUS-INDUCIBLE PROTEIN KINASE COMPLEX AND METHODS OF USE THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
                                                                            STRANDEDNESS: <Unknown>
TOPOLOGY: linear
                                                                                                                    TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: SEED and BERRY LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6300 Columbia Center, 701 Fifth Avenue
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  86.7%;
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Score 26;
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Pred. No. 6.3e+02;
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DB 9;

Length 745;

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APPLICANT: Karin, Michael
APPLICANT: Rarin, Michael
APPLICANT: Rothwarf, David M.
APPLICANT: Hayakawa, Makio
APPLICANT: Tandi, Ebrahim
TITLE OF INVENTION: 18 Kinase, Subunits Thereof, and Methods of Using Same
FILE REFERENCE: P-UD 3295
CURRENT APPLICATION NUMBER: US/09/796,872
CURRENT FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 09/168,629
PRIOR APPLICATION NUMBER: 09/168,629
PRIOR APPLICATION NUMBER: 60/061,470
PRIOR APPLICATION NUMBER: 60/061,470
PRIOR FILING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.0
SOFTWARE: Patentin Ver. 2.0
CORGANISM: Homo sapiens
US-09-796-872-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 15
US-09-796-872-2
; Sequence 2, Application US/09796872
; Patent No. US20020045235A1
; GENERAL INFORMATION:
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Search completed: April 16, 2003, 09:51:42 Job time : 13 secs
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                                                                                                                                                                               Query Match 86.7%; Score 26; DB 10; Length 745; Best Local Similarity 83.3%; Pred. No. 7.1e+02; Matches 5; Conservative 0; Mismatches 1; Indels
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Perfect score:
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         Pred. No.
score grea
and is der
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Match
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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   US-08-911-364-1
US-08-678-039A-40
US-08-678-039A-40
US-09-426-568A-2
US-08-633-770A-1
US-08-633-770A-1
US-08-455-543A-40
US-08-455-543A-40
US-08-149-097D-32
US-08-311-363-19
US-08-751-305-16
546668-12
US-08-751-305-16
546668-12
S256770-10
US-08-781-843B-38
US-08-781-843B-38
US-08-781-843B-38
US-08-781-843B-38
US-08-781-843B-38
US-08-781-843B-38
US-08-781-843B-4
US-09-810-347-8
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Sequence 1, Appli
Sequence 2, Appli
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Sequence 10, Appli
Sequence 40, Appl
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Sequence 40, Appl
Sequence 41, Appl
Sequence 19, Appl
Sequence 19, Appl
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Sequence 10, Appl
Sequence 11, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 34, Appl
Sequence 38, Appl
Sequence 38, Appl
Sequence 55, Appl
Sequence 57, Appl
Sequence 57, Appl
Sequence 57, Appl
Sequence 47, Appli
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              Query Match
Best Local Similarity
Matches 6; Conserv
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Query Match 100.0%; Score 30; DB 2; Length 731; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 6; Conservative 0; Mismatches 0; Indels	US-08-911-364-1 (Sequence 1, Application US/08911364) Patent No. 5969106 (GENERAL INFORMATION: ASET APPLICANT: KEELY, Fred W. APPLICANT: KOTHSTEIN, Steven J. TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN TITLE OF INVENTION W. CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS: ADDRESSEE: FOLEY & LARDNER CORRESPONDENCE ADDRESS: COUNTRY: Washington STRATE: D.C. COUNTRY: Washington STRANDENCE COMPACE OF A LARDNER COUNTRY: Washington C	ALIGNMENTS	28 26 86.7 370 2 US-08-723-415B-6 Seque 29 26 86.7 370 4 US-09-189-627A-6 Seque 30 26 86.7 370 4 US-09-710-861-6 Seque 31 26 86.7 385 2 US-08-723-415B-8 Seque 32 26 86.7 385 4 US-09-189-627A-8 Seque 33 26 86.7 385 4 US-09-189-627A-8 Seque 34 26 86.7 436 4 US-08-506-296B-5 Seque 35 26 86.7 439 4 US-08-506-296B-67 Seque 37 26 86.7 446 2 US-08-723-415B-2 Seque 38 26 86.7 446 4 US-09-710-861-2 Seque 39 26 86.7 446 4 US-09-710-861-2 Seque 40 26 86.7 559 4 US-08-506-296B-65 Seque 41 26 86.7 661 4 US-09-303-069-14 Seque 42 26 86.7 661 4 US-09-303-069-14 Seque 43 26 86.7 661 4 US-09-303-069-14 Seque 44 26 86.7 745 2 US-08-887-518-3 Seque 56 86.7 745 2 US-08-887-518-3 Seque
731 18	D ON HUMAN		Sequence 6, Appli Sequence 6, Appli Sequence 8, Appli Sequence 8, Appli Sequence 8, Appli Sequence 8, Appli Sequence 5, Appli Sequence 2, Appli Sequence 2, Appli Sequence 66, Appli Sequence 66, Appli Sequence 65, Appli Sequence 14, Appli Sequence 3, Appli
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GAVVPQ 6
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GAVVPQ 105

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US-08-678-039A-40
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MOLECULE TYPE: protein
US-08-464-700-2
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                                                                                              Sequence 40, Application US/08678039A Patent No. 5858662 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 30; DB 4; Length 733; Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 6; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                               Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
     APPLICANT: Keating,
APPLICANT: Morris,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: WELDS, APPLICANT: MARTIN, STEPHEN L
APPLICANT: MARTIN, SYNTHETIC POLYNUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 1
FILING DATE: 28-JUN-1
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL6520
FILING DATE: 22-DEC-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 215-540-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: GH
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CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/AU93/00655
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                                                                                                                                                                                                                                                                                                                                                                                                                                     T: 733 amino acids amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bak, Mary E.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Howson and Howson
Spring House Corporate Cntr, PO Box 457
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                                                                            Keating,
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                                                           Colleen A.
Diagnosis of Williams Syndrome and Williams Syndrome Cognitive Profile by Analysis of the Presence or Absence of a LIM-Kinase Gene
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273 GAIVPQ 278

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CURRENT APPLICATION NUMBER: US/09/426,568A
CURRENT FILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: 60/106,239
PRIOR FILING DATE: 1998-10-29
NUMBER: OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
                                                                                                                US-09-426-568A-2
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                                     Best Loc
Matches
                                                                                                                                                                                                                                                                                                                    APPLICANT: Sun, Ming
APPLICANT: Hu, Weiming
TITLE OF INVENTION: Gene
TITLE OF INVENTION: in FILE REFERENCE: 008103/1
                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                          Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 202-624-15;
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO:
                                                                                                                               ORGANISM: Arabidopsis sp
                                                                                                                                                       TYPE: PRT
                                                                                                                                                                   ENGTH:
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TOPOLOGY: linear
MOLECULE TYPE: protein
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MEDIUM TYPE: Floppy disk
COMPUTER: IFN CC compatible
COMPUTER: Floppy disk
COMPUTER: Patentin Release #1.0, Version #1.30
COPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/678,039A
FILLING DATE: 10-JUL-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
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LENGTH: 792 amino acids
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
STREET: 555 Thirteenth Street, N.W., Suite 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION
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STREET: Tower
CITY: Washington
STATE: DC
                                     Local Similarity hes 5; Conserv
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1 GAVVPQ 6
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                                     Conservative
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Colleen
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                                 Score 29; DB 4;
Pred. No. 1.1e+02;
1; Mismatches C
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Pred. No. 1.1e+02;
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                                                                      Length 491
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                                 Gaps
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                                                                                                                                                                 Sequence 2, Application US/08633770A Patent No. 5908760 GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/EP94/03398
FILING DATE: OCT-15-1994
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: DYOU6.001AP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PatentIn Relea
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/C
FILING DATE: July 8, 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
               APPLICANT: Kragh, Karsten
APPLICANT: Christensen, Tove
APPLICANT: Marcussen, Jan
TITLE OF INVENTION: ALPHA-1,4-GLUCAN LYASE FROM A FUNGUS, ITS
TITLE OF INVENTION: PURIFICATION GENE CLONING AND EXPRESSION IN MICROORGANISMS
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                             APPLICANT:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ALPHA-1,4-GLUCAN LYASE FROM A FUNGUS, ITS
TITLE OF INVENTION: PURIFICATION GENE CLONING AND EXPRESSION IN MICROORGANISMS
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                                   880 GAIIPO 885
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ORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Knobbe, Martens, Olson & Bear STREET: 620 Newport Center Drive 16th Floor CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U
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Marcussen, Jan
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                                                                                                                                             Bojsen, Kirsten
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SYSTEM: DOS
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N: 435
                                                                                                                           Shukun
                                                                                                                                                                                                                                                                                                                                                                                             93.3%;
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                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
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Pred. No. 3.9e+02;
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; MOLECULE TYPE: protein US-08-633-770A-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Harpol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/745,206A
FILING DATE: 19910815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: OCT-15-1994
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Fitch, Even,
STREET: 135 S. LaSalle
                                                                                                                                                                                                                                                                                                                                          APPLICANT: Feldman, Daniel
TITLE OF INVENTION: Human Calcium Channel Compositions and
TITLE OF INVENTION: Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 1070 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: DYOU6.001APC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO) CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity 66.
1es 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/EP94/03398 FILING DATE: OCT-15-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08 FILING DATE: July 8, 1996
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 620 Newport CITY: Newport Beach
                                                                                                                                                                                           COUNTRY: U
                                                                                                                                                                                                                                                 CITY: Chicago
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Knobbe, Martens, Olson & Bear STREET: 620 Newport Center Drive 16th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GAVVPQ 6
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GY: linear
                                                                                                                                                                                                                             Illinois
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Williams, Mark
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Ellis, Steven
                                                                                                                                                                                                         U.S.A.
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Pred. No. 3.9e+02;
2; Mismatches 0
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Matches 5; Conservative
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REFERENCE/DOCKET NUMBER: 51:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-372-7842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                APPLICATION NUMBER: 07/868,354
FILING DATE: April 10, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/745,206
FILING DATE: 15-AUG-1991
                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455
FILING DATE: May 31, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: McCue, Ann
APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
                                                                                               FILING DATE: 20-FEB-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/603,751
                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/620,250
FILING DATE: 30-NOV-1990
PRIOR APPLICATION DATA:
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                                                              PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 08/223,305
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                                                                                    FILING DATE: 04-APR-1989
                                                                                                                                                 APPLICATION NUMBER:
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                                                  APPLICATION NUMBER:
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1660 Union Street
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Feldman, Daniel
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              TION DATA:
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                                                                                                                                                   US 07/482,384
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                                                WO PCT/US89/01408
US 07/176,899
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Pred. No. 2.9e+02;
1; Mismatches (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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                                                                                                                                            CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/223,305C
FILING DATE: April 4, 1994
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/868,354
FILING DATE: April 10, 1992
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/745,206
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/745,206
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/620,250
PRIOR APPLICATION NUMBER: US 07/620,250
PRIOR APPLICATION NUMBER: US 07/620,250
PRICED ADATE: 30-NOV-1990
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 92101-2220
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 478 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN C.
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 57
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ADDRESSEE: Brown, Martin, Haller & McClain
                                                                                                           FILING DATE: 30-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/482,384
                FILING DATE: 04-APR-1989 PRIOR APPLICATION DATA:
                                                                       FILING DATE: 20-FEB-
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
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REFERENCE/DOCKET NUMBER: 6362-52517
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CITY: San Diego
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                      APPLICATION NUMBER: US 07/603,751
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Feldman, Daniel
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                                                                                             20-FEB-1990
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83.3%; Pred. No. 2.90
tive 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HUMAN CALCIUM CHANNEL COMPOSITIONS AND
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WO PCT/US89/01408
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INFORMATION FOR SEQ ID NO:
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MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  tent No.
                                                                                                                          SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/149,097D
FILING DATE: 05-NOV-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/105,536
FILING DATE: 11-AUG-1993
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 478 amino acid
                         APPLICATION NUMBER: US 07 FILING DATE: 13-JUL-1992 PRIOR APPLICATION DATA:
                                                                             FILING DATE: 14-AUG-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
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APPLICATION NUMBER: US 0.
FILING DATE: 04-APR-1988
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   467 GSVVPQ 472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
               APPLICATION NUMBER:
                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GAVVPQ 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 52516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,77
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                                                                                                                                                                                                                                                                                                                                                  92101-2926
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                                                                                                                                                                                                                                                                                                                                                                                               San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
                                                                                                                                                                                                                                                                                                                                                                              California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/08149097D
                                                                                                                                                                                                                                                                                                                                                                                                             E: Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Williams, Mark
Feldman, Daniel
McCue, Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 478 amino acids
                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (619) 238-0062
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Ellis, Steven
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internal
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MBER: US 07/868,354
10-APR-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  40
                                                             US 07/914,231
                                                                                                               WO PCT/US92/06903
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 27; DB 2;
Pred. No. 2.9e+02;
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Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                    -08-311-363-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (619) 238-0062 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                      tent No.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HYPOTHETICAL: N
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PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
US 07/482,384
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PRIOR APPLICATION DATA:
                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                TITLE OF INVENTION: Human Calcium Channel Compositions and
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TELECOMMUNICATION INFORMATION:
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                                                                                             COUNTRY: USA
ZIP: 92101-2926
                                                                                                                                                    STREET:
                                                                                                                                       CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GAVVPQ 6
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TOPOLOGY: linear
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                                                                                                                       California
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1660 Union Street
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                                                                                                                                                                                                                                            Brenner,
                                                                                                                                                                                                                                                                          Williams, Mark
Feldman, Daniel
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                                                                                                                                                                                                                                                             McCue, Ann
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (619)
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                                                                                                                                                                                                                                               Robert
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3ER: 6362-55038
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
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Pred. No. 2
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US/08/311,363

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; LENGTH: 478 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-311-363-19
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US-08-455-543A-42
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Best Local Similarity 83.3%;
Matches 5; Conservative
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INFORMATION FOR SEQ ID NO:
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FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 07/
FILING DATE: 15-AUG-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,543A
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                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/223,305
FILING DATE: April 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/868,354
FILING DATE: April 10, 1992
PRIOR APPLICATION APP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
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APPLICANT: McCue, Ann
APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/745,206
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                                                                       PRIOR APPLICATION DATA:
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STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM:
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                                                                                                                                            APPLICATION NUMBER: US 07/620,250
                                                                                                                                                                                                                FILING DATE: 15-AUG-1991
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5792846
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Feldman, Daniel
McCue, Ann
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Ellis, Steven
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                                                                                                         30-NOV-1990
MBER: US 07/482,384
20-FEB-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US 07/745,206
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Pred. No. 2.
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Query Match
Best Local Similarity
Matches 5; Conserv:
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US-08-223-305C-42
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 42, Application US/08223305C Patent No. 5851824
                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/223,305C
FILING DATE: April 4, 1994
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/868,354
FILING DATE: April 10, 1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (619) 238-0062
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 04-APR-1989
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/17.
FILING DATE: 04-APR-1988
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stepbanie L.
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 0: FILING DATE: 04-APR-1989 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: FRAGMENT TYPE:
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                                                                                                                                                                                                                                                               ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                             APPLICATION NUMBER: US 07/745,206
FILING DATE: 15-AUG-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  512 GSVVPQ 517
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                                                                                                                                                                                                                                                                                                                                         STATE:
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STREET: 16
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                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                          CITY: San Diego
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APPLICATION NUMBER: US 07/620,250 FILING DATE: 30-NOV-1990
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                                                                                                                                                                                                                                                                                                                                       California
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1660 Union Street
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McCue, Ann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Harpold, Michael
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: 57
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    Mismatches

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Pred. No. 3.
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US-08-751-305-16
; Sequence 16, Application US/08751305
; Patent No. 5965439
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APPLICANT: Tein...

TITLE OF INVENTION: HOS: L...

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

CTREET: 4225 Executive Square, Suite 1400

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Best Local Similarity 83.3
Matches 5; Conservative
                                                                   COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA;
APPLICATION NUMBER: US/08/751,305
FILING DATE: 18-NOV-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: 07306/012(
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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FILING DATE: 04-APR-1988
ATTORNEY/AGRNY INFORMATION:
NAME: Seidman, Scephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 52516 (P519739)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619)238-0999
                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PO
FILING DATE: 04-APR-1989
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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TOPOLOGY: lin
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Pred. No. 3.2e+02;
1; Mismatches C
                                                                                                               07306/012001
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RESULT 15
$466668-12
;Patent No. 5466668
; APPLICANT: GLASER, CHARLES B.;MORSER, MICHAEL J.;LIGHT,
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Best Local Similarity
Matches 5; Conserva
Search completed: April 16, 2003, 09:40:02 Job time : 11.4348 secs
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                                                                                                                                                                                  5466668-12
                                                                                                                                                                                           APPLICATION NUMBER: 406,941
FILING DATE: 13-SEP-1999
APPLICATION NUMBER: 345,374
FILING DATE: 28-APR-1989
SEQ ID NO:12:
LENGTH: 23
                                                                                                                    Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: SUPERIOR THROMBOMODULIN ANALOGS FOR PHARMACEUTICAL USE
                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/155,346
FILING DATE: 22-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 568,456
FILING DATE: 15-AUG-1990
APPLICATION UMMBER: 506,325
APPLICATION NUMBER: 506,325
FILING DATE: 09-APR-1990
                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 57
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: not relevant TOPOLOGY: linear
                                                            15 GAVVPR 20
                                                                                        1 GAVVPQ 6
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83.3%;
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Pred. No. 22;
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Result
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Maximum
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Perfect score:
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length: 2000000000
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Match
       is the number of results predicted by chance to have a ster than or equal to the score of the result being printed,
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Maximum Match 100%
Listing first 45 sm
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US-09-580-893C-54
US-09-580-893D-54
US-09-580-110E-51
US-09-580-110E-54
US-09-580-1156D-54
US-09-580-156D-54
US-09-580-156D-54
US-09-580-893C-65
US-09-580-893C-65
US-09-580-893C-65
US-09-580-893D-65
US-09-580-893D-65
US-09-580-893D-65
US-09-580-893D-65
US-09-580-893D-65
US-09-580-110E-65
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US-09-580-110E-67
US-09-780-110E-2400
US-09-780-110E-2400
US-09-780-110E-2400
US-09-780-110E-2400
US-09-780-110E-2400
US-09-780-670-67280
US-09-780-676-67280
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US-09-580-893C-51
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US-60-453-135-9847	US-09-798-053-8	US-60-453-050-9848	US-60-453-135-9848	US-10-314-410-10	US-09-724-676A-55123	US-09-724-676-55123	US-09-724-676A-55122	US-09-724-676-55122	US-09-724-676A-55127	US-09-724-676-55127	US-09-724-676A-55125	US-09-724-676-55125	US-09-724-676A-55126	US-09-724-676-55126	US-60-453-050-9097	US-60-453-135-9097	US-10-094-749-1884	US-10-144-779-449
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9847, Ap	8, Appli	9848, Ap	9848, Ap	끍	55123, A	55123, A	55122, A	55122, A	55127, A	55127, A	55125, A	55125, A	55126, A	55126, A	•	9097, Ap	1884, Ap	449, App

ALIGNMENTS

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US-09-580-893C-54
, Sequence 54, Application US/09580893C
; GENERAL INFORMATION:
, APPLICANT: SANDBERG, LAWRENCE B
, APPLICANT: MITTS, THOWAS F
, APPLICANT: JIMENEZ JR, FELIPE
, TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
, FILE REFERENCE: 00-144-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; NAME/KEY: DISULFID ; LOCATION: (1)..(8) ; COTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE US-09-580-893C-51
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 51
LENGTH: 8
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 54
LENGTH: 8
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NAME/KEY: METAL
LOCATION: (1)..(8)
OTHER INFORMATION: MS-09-580-893C-54
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APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                           FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
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                                                                                                                                                                                                                     APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
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TYPE: PRT
                                                                                                                              SOFTWARE: PatentIn Ver. 2.1
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                                      TYPE: PRT ORGANISM: Artificial Sequence
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OTHER INFORMATION:
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Pred. No. 6e+05
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; NAME/KEY: METAL; LOCATION: (1)..(8); LOCATION: (1)..(8); OTHER INFORMATION: METAL IS COPPER; BINDING TO LOCATIONS 1 US-09-580-893D-54
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                                                                                            ; OTHER INFORMATION: Description of Artificial US-09-580-110E-54
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SEQ ID NO 51
LENGTH: 8
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CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn version 3.1
SEQ ID NO 54
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GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
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CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT APPLICATE: 2000-05-30
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTI
TITLE OF INVENTION: ENHANCING AG
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                                                                                                                                                          LENGTH: 8
TYPE: PRT
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ELASTIN PEPTIDE ANALOGS
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; LOCATION: (1)..(8)
; OTHER INFORMATION: METAL IS
US-09-580-156D-54
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APPLICANT: Thomas, Mitts F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AN FILE REFERENCE: 25812-5CIP
CURRENT APPLICATION NUMBER: US/09/580,156D
CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 09/039,308
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR FILING DATE: 1999-03-12
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APPLICANT: Lawrence, Sandberg B.
APPLICANT: Thomas, Mitts F.
APPLICANT: Thomas, Mitts F.
APPLICANT: THOMAS MITTS F.
APPLICANT: THOMAS ANALOGS
                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.1
SEQ ID NO 54
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 51
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PRIOR APPLICATION NUMBER: 09/039,308 /
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/US99/05496
PRIOR APPLING DATE: 1999-03-12
NUMBER FILING DATE: 1999-03-12
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NAME/KEY: DISULFID
LOCATION: (1)..(8)
OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
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ORGANISM: Artificial
FEATURE:
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ORGANISM: Artificial
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Conservative 0; Mismatches
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; FEATURE:
; NAME/KEY: DISULFID
; LOCATION: (1)..(8)
; OTHER INFORMATION: T
US-09-580-893C-62
                                                    Query Match
Best Local Similarity
Watches 7; Conserv
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                                                                                                                             NAME/KRY: METAL
; LOCATION: (1)..(8)
; OTHER INFORMATION: METAL IS COPPER; BINDING TO LOCATION 1 AND US-09-580-893C-65
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                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
• NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 62, Application US/09580893C
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
*TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 65, Application US/09580893C
GENERAL INFORMATION:
APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, FELIPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893C
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best
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                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: Description FEATURE:
                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT ORGANISM: Artificial Sequence
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CGAVVPNC
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Pred. No.
                                                                                  Score 43;
Pred. No.
                                                                                                                                                                                                                     of Artificial Sequence: Peptide
                                                                                  DB 5;
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RESULT 11 US-09-580-893D-62 ; Sequence 62, Application US/09580893D

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RESULT 13
US-09-580-110E-62
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Best Local Similarity
"hes 7; Conserva
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; LOCATION: (1)..(8)
; OTHER INFORMATION:
US-09-580-893D-65
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Best Local Similarity
Thes 7; Conserve
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; LOCATION: (1)..(8)
; OTHER INFORMATION:
US-09-580-893D-62
                                                                Sequence 62, Application US/09580110E GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 65
LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 65, Application US/09580893D GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SANDBERG, LAWRENCE B
APPLICANT: MITTS, THOMAS F
APPLICANT: JIMENEZ JR, PELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN
FILE REFERENCE: 00-144-US
CURRENT APPLICATION NUMBER: US/09/580,893D
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: JIMENEZ JR, FELIPE
TITLE OF INVENTION: ASPARAGINE CONTAINING ELASTIN PEPTIDE ANALOGS
FILE REFERENCE: 00-144-US
CURRENT FILING DATE: 2002-10-08
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES
TITLE OF INVENTION: ENHANCING AGENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SANDBERG, LAWRI
APPLICANT: MITTS, THOMAS
APPLICANT: JIMENEZ JR, FI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Peptide
                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE
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                                                                                                                                                                                                                                                                                                                                                                                       Description of Artificial Sequence: Peptide
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Pred. No. 6e+C
0; Mismatches
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Pred. No. 6e+05;
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            OF SAME IN COMBINATION WITH
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RESULT 15
US-10-366-683-32643
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; ORGANISM: Pseudomonas aeruginosa US-10-366-683-32643
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US-09-580-110E-65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 14
US-09-580-110E-65
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                                                      PRIOR APPLICATION NUMBER: 09/252,991
PRIOR FILING DATE: 1999-02-18
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 32643
LENGTH.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/580,110E
CURRENT FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 75

SOFTWARE: Patentin version 3.1

SEQ ID NO 62

LENGTH: 8
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SOFTWARE: PatentIn ver
SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 65, Application US/09580110E GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                               Sequence 32643, Application US/10366683 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND USES OF SAME IN COMBINATION WITH SKIN TITLE OF INVENTION: ENHANCING AGENTS
FILE REFERENCE: 25812-13
CHERENT ADDITION:
                                                                                                                                     APPLICANT: Bush, David TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: PATHO3-04 CURRENT APPLICATION NUMBER: US/10/366,683

CURRENT FILING DATE: 2003-02-13
                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/580,110E CURRENT FILING DATE: 2000-05-30
                                                                                                                                                                                                                                                             APPLICANT: Rubenfield, Marc J. APPLICANT: Nolling, Jork
                                LENGTH: 60
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence:
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Bush, David
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Pred. No. 6e+05;
0; Mismatches
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Pred. No.
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GenCore version 5.1.4_p5_4578 (c) 1993 - 2003 Compugen Ltd.

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Database :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Perfect score:
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/ Ggn2_6/ptodata/1/paa/US081_COMB.pep: *
/ Ggn2_6/ptodata/1/paa/US083_COMB.pep: *
/ Ggn2_6/ptodata/1/paa/US083_COMB.pep: *
/ Ggn2_6/ptodata/1/paa/US084_COMB.pep: *
/ Ggn2_6/ptodata/1/paa/US085_COMB.pep: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.
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100.0 100.0 100.0 100.0 89.6 89.6	
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19 19 19	Ħ
19 US-09-584-001-54 19 US-09-584-001C-51 19 US-09-584-001C-51 19 US-09-584-001C-54 19 US-09-584-001-62 19 US-09-584-001-65	ID
Sequence 51, Appl Sequence 54, Appl Sequence 51, Appl Sequence 54, Appl Sequence 62, Appl Sequence 65, Appl	Description

Query Match

100.0%;

Score 48;

DB 19; Length 8;

ALIGNMENTS

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RESULT 1

US-09-584-001-51

; Sequence 51, Application US/09584001

; GENERAL INFORMATION:
   APPLICANT: SANDBERG, LAWRENCE
   APPLICANT: MITTS, THOMAS F.

TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
FILE REFERENCE: 99494US

CURRENT FILING DATE: 2000-05-30

EARLIER REPLICATION NUMBER: US/09/584,001

CURRENT FILING DATE: 1998-03-13

EARLIER FILING DATE: 1998-03-13

EARLIER FILING DATE: 1998-03-12

NUMBER OF SEQ ID NOS: 75

SOFTWARE: PATENTIN Ver. 2.1

SEQ ID NO 51

LENGTH: 8

TYPE: PRT
OGRANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: peptide
FEATURE:
NAME/KEY: DISULFID
LOCATION: (1)..(8)

OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
US-09-584-001-51
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US-09-584-001C-51
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US-09-584-001-54
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.Matches
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                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 51
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                                                                Matches
                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
EARLIER FILING DATE: 1998-03-12
EARLIER FILING DATE: 1999-03-12
NUMBER: OF SEQ ID NOS: 75
                                                                                                                                                                                                                                 APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
FILE REFERENCE: 25812-11
CURRENT FLIGHTON NUMBER: US/09/584,001C
CURRENT FLIMG DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                  LENGTH: 8
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 99494US
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TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
OTHER INFORMATION:
FEATURE:
                                                                                                                                                  ORGANISM: mammalian
                                                              Local Similarity
les 8; Conserv
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les 8; Conserv
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ilarity 100.0%;
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Pred. No. 4.2e+06;
                                                           Score 48; DB 19;
Pred. No. 4.2e+06;
Mismatches 0;
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RESULT 4

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US-09-584-001-65
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Best Local S
Matches 7
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Matches
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SEQ ID NO 54
LENGTH: 8
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                                                                                                            Sequence 65, Application US/09584001 GENERAL INFORMATION:
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                                                     APPLICANT: SANDBERG, LAWRENCE
APPLICANT: MITTS, THOMAS F.
TITLE OF INVENTION: ELASTIN PEPTIDE ANALOGS AND METHODS OF USING SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
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CURRENT FILING DATE: 2000-05-30
EARLIER APPLICATION NUMBER: 09/039,308
EARLIER FILING DATE: 1998-03-13
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TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
FILE REFERENCE: 25812-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Mitts, Thomas F. APPLICANT: Sandberg, Lawre
FILE REFERENCE: 99494US
CURRENT APPLICATION NUMBER: US/09/584,001
CURRENT FILING DATE: 2000-05-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SANDBERG, LAWRENCE APPLICANT: MITTS, THOMAS F.
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: DISULFID LOCATION: (1)..(8)
OTHER INFORMATION: TERMINAL CYSTEINES FORM DISULFIDE BOND
                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: Description of Artificial Sequence: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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Pred. No. 4.
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Pred. No.
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. 4.2e+06;
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US-09-584-001C-65
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US-09-584-001C-62
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                                    US-09-584-001C-65
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                                                                                                                                      Sequence 65, Application US/09584001C
GENERAL INFORMATION:
APPLICANT: Mitts, Thomas F.
APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
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Best Local Similarity
Matches 7; Conserv
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EARLIER FILING DATE: 1998-03-13
EARLIER APPLICATION NUMBER: PCT/US99/05496
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 65
   Query Match
                                                                                                       SOFTWARE: PA
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SEQ ID NO 62
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APPLICANT: Sandberg, Lawrence B.
TITLE OF INVENTION: Elastin Peptide Analogs and Methods of Using Same
FILE REFERENCE: 25812-11
CURRENT APPLICATION NUMBER: US/09/584,001C
CURRENT FILING DATE: 2002-04-30
NUMBER OF SEQ ID NOS: 75
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                                                     ORGANISM: mammalian
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NAME/KEY: METAL
LOCATION: (1)...(8)
OTHER INFORMATION: METAL IS COPPER; BINDING TO LOCATION 1 AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: peptide
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TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
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Local Similarity B7.5%;
Les 7; Conservative
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87.5%;
89.6%;
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Pred. No. 4.2e
0; Mismatches
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Pred. No. 4.2e+06;
Score 43;
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4.2e+06;
DB 19;
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Length 8;

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FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID 0 32643
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Pioneer Hi-Bred International, Inc.
APPLICANT: Bao, Zhongmeng
APPLICANT: Lu, Guihua
TITLE OF INVENTION: Sclerotinia-inducible Genes and
TITLE OF INVENTION: Promoters and Their Uses
FILE REFERENCE: 35718/234631
CURRENT APPLICATION NUMBER: US/09/923,844B
CURRENT FILING DATE: 2001-08-07
PRIOR APPLICATION NUMBER: US/09/224,603
PRIOR APPLICATION NUMBER: US/09/224,603
PRIOR TILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSEQ for Windows Version 4.0
US-09-791-537-7352 ; Sequence 7352, Application US/09791537 ; GENERAL INFORMATION:
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Best Local Similarity
""" hes 6; Conserve
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-32643
                                                          RESULT 11
                                                                                                                                                                                                                                                             US-09-923-844B-4
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GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 4
                                                                                                                                                                                   Best Local Similarity
Matches 5; Conserv
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TITLE OF INVENTION: NUCCEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                       LENGTH: 97
TYPE: PRT
ORGANISM: Helianthus annuus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               41 CGALRPQC 48
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Pred. No. 6.5e+02
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0; Mismatches 1;
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Query Match
Best Local Similarity
6; Conserva
                APPLICANT: Shakhova, Vera V.
APPLICANT: Malykh, Andrei G.
APPLICANT: Kozyavkin, Sergei A.
TITLE OF INVENTION: Fidelity Systems, Inc.
FILE REFERENCE: New
CURRENT APPLICATION NUMBER: US/60/361,742
CURRENT FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 1692
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 13
US-60-361-742-1086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT ; ORGANISM: Deinococcus radiodurans US-09-791-537-96539
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-791-537-96539
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TYPE: PRT
; ORGANIEM: Thermus thermophilus
US-09-791-537-7352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bionomix, Inc.
APPLICANT: Debe, Derek
APPLICANT: Debe, Derek
APPLICANT: Debe, Derek
APPLICANT: Debe, Derek
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE
TITLE OF INVENTION: METHODS OF USE THEREOF
FILE REFERENCE: 2617210
CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 153055
SOFTWARE: Patentin version 3.0
SEQ ID NO 96539
LENGTH: 123
TYDE: DEP
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APPLICANT: Danzer, Joseph
APPLICANT: Danzer, Joseph
TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE
TITLE OF INVENTION: METHODS OF USE THEREOF
FILE REFERENCE: 261/210
CURRENT APPLICATION NUMBER: US/09/791,537
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEG ID NOS: 153055
SOFTWARE: PatentIn version 3.0
SEG ID NO 7352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1086, Application US/60361742 GENERAL INFORMATION:
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Matches 6; Conser
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SEQ ID NO 1086
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                                                                                                                                                                                                                                                                                                                                                                                    Fidelity Systems, Inc. Slearev, Alexei I Mezhevaya, Katja V. Polushin, Nikolai N. Shcherbinina, Olga V.
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nilarity 75.0%;
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Pred. No.
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Pred. No. 1.9e+02
0; Mismatches
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); Mismatches
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2.3e+02;
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RESULT 15
US-60-160-202-2831
Sequence 2831, Application US/60160202
GENERAL INFORMATION:
TITLE OF INVENTION: ISOLATED HUMAN GPCR PROTEIN, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN GPCR PROTEINS AND USES THEREOF
FILE REFERENCE: CL000114
CURRENT APPLICATION NUMBER: US/60/160,202
CURRENT FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 4392
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2831
LENGTH: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; LENGTH: 390
; TYPE: PRT
; ORGANISM: Methanopyrus kandleri
US-60-361-742-1086
                                        Query Match
Best Local Similarity
Tatches 5; Conserv
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SEQ ID NO 203
LENGTH: 544
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GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
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Best Local Similarity
Matches 6; Conserv
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CURRENT APPLICATION NUMBER: US/60/212,356
CURRENT FILING DATE: 2000-06-19
NUMBER OF SEQ ID NOS: 411
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TITLE OF INVENTION:
TITLE OF INVENTION:
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ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                        143 CGAHAVVPQC 152
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10 CGLLVPRC 17
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                          CGAVVPQC 8
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Pred. No. 8.8e+02;
0; Mismatches 0;
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Pred. No. 6.5e+02;
                                                                       Score 36; DB 27;
Pred. No. 1e+02;
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                                                         Mismatches
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                                                                                     Length 34;
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Search completed: April 16, 2003, 09:49:13 Job time : 189.522 secs

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
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(cgn2_6/ptodata/1/pubpaa/US10_RUB PUBCOMB.pep:*
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(cgn2_6/ptodata/1/pubpaa/US10_RUB PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

19	18	17	16	15	14	13	12	11	10	9	000	7	0		44.	· Lu	N	بر	No.	Result
36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	37	Score	
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954	954	954	954	954	954	954	954	954	954	954	954	954	954	948	867	283	205	97	Length I	
10	10	10	10	10	10	10	10	9	9	9	9	9	9	10	9	9	10	9	BIG	
US-09-944-097-7	US-09-944-396-7	US-09-945-015-7	US-09-945-587-7	US-09-944-862-7	US-09-944-457-7	US-09-944-449-7	US-09-866-028-7	US-09-944-929-7	US-09-944-907-7	US-09-944-944-7	US-09-944-896-7	US-09-944-403-7	US-09-944-413-7	US-09-897-699-2	US-09-811-088-10	US-09-798-051-7	US-09-206-639-5	US-09-923-844B-4	ID	
Sequence 7, Appli	Sequence 2, Appli	Sequence 10, Appl	Sequence 7, Appli	٠.	Sequence 4, Appli	Description														

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	2
31	<u>3</u> 1	31	31	31	32	32	32	32	32	32	32	33	ω	33	33	33	33	33	33	36	36	36	36	36	U
64.6	64.6	64.6	64.6	64.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	75.0	75.0	75.0	75.0	75.0	\vd.
258	171	160	105	92	1133	919	375	217	153	135	90	816	584	225	184	143	111	70	62	955	955	954	954	954	707
9	9	10	9	10	9	9	10	10	10	10	10	9	9	9	9	9	12	10	10	9	9	10	10	10	5
US-10-001-054-52	US-10-101-464A-500	US-09-771-209-36	US-09-738-626-4725	US-09-925-301-1525	US-10-101-464A-809	US-10-101-464A-642	US-09-853-625B-13	US-09-815-242-5219	US-09-815-242-5043	US-09-925-301-935	US-09-037-460-11	US-09-796-720B-2	US-10-050-786-7	US-10-092-925-5	US-10-102-627-44	US-09-974-879-567	US-10-001-843-207	US-09-764-860-304	US-09-764-877-1457	US-09-798-051-8	US-10-044-716-8	US-09-943-851A-7	US-09-944-654-7	US-09-943-762-7	00-03-344-404-7
Sequence 52, Appl	Sequence 500, App	Sequence 36, Appl	Sequence 4725, Ap	Sequence 1525, Ap	Sequence 809, App	Sequence 642, App	Sequence 13, Appl	Sequence 5219, Ap	Sequence 5043, Ap	935,	Sequence 11, Appl	Sequence 2, Appli	Sequence 7, Appli	Sequence 5, Appli	Sequence 44, Appl	Sequence 567, App	Sequence 207, App	Sequence 304, App	Sequence 1457, Ap	Sequence 8, Appli	Sequence 8, Appli	7,	Sequence 7, Appli	Sequence 7, Appli	pequence /, Appril

ALIGNMENTS

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RESULT 2
US-09-206-639-5
IS-09-206-639-5
; Sequence 5, Application US/09206639
; Patent No. US20020034777A1
; GENERAL INFORMATION:
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APPLICANT: Bao, Zhongmeng
APPLICANT: Lu, Guihua
TITLE OF INVENTION: Sclerotinia-inducible Genes and
TITLE OF INVENTION: Promoters and Their Uses
FILE REFERENCE: 35718/234631
CURRENT APPLICATION NUMBER: US/09/923,844B
CURRENT FILING DATE: 2001-08-07
PRIOR APPLICATION NUMBER: US 60/224,603
PRIOR FILING DATE: 2000-08-11
                                                                                                                                                                                                                                                                                                                                                                                                       ; LENGTH: 97
; TYPE: PRT
; ORGANISM: Helianthus annuus
US-09-923-844B-4
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Best Local Similarity
Matches 5; Conserv
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
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                                                                                                                                                                                                                                                90 CGVSIPQC 97
                                                                                                                                                                                                                                                                                      1 CGAVVPQC 8
                   Goli, Surya K.
TITLE OF INVENTION: A NOVEL REGULATOR OF CELL SIGNALLING NUMBER OF SEQUENCES: 5
                                                                            APPLICANT: Hillman, Jennifer L.
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                77.1%;
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; Pred. No. 11;
1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                   Length 97;
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CITY: Palo Alto STATE: CA

ADDRESSEE: INCYTE PHARMACEUTICALS, INC. STREET: 3174 Porter Drive

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                                                                       ; SEQ ID NO 7; LENGTH: 283; TYPE: PRT; ORGANISM: Mus musculus US-09-798-051-7
                                                                                                                                                                                                                                                                                                                                                                                   US-09-798-051-7
                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 3
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                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/09798051 Publication No. US20030008961A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 5; Conserv
               Query Match
Best Local Similarity
   Matches
                                                                                                                                                             APPLICANT: Zhang, Ke
APPLICANT: Cam, Linh
APPLICANT: Nakayama, Naoki
TITLE OF INVENTION: Chordin-Like-2 Molecules and Uses Thereof
FILE REFERENCE: 01-005
CURRENT APPLICATION NUMBER: US/09/798,051
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          197 CASLVPQC 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0157 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/206,639
FILING DATE: 07-Dec-1998
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/748,483
FILING DATE: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CGAVVPQC 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 205 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LIBRARY: GenBank CLONE: 1216373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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   Conservative
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                75.0%;
75.0%;
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Pred. No. 33;
2; Mismatches 1
Score 36; DB
Pred. No. 44;
0; Mismatches
 0
                DB 9;
                                   Length 283;
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Indels
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Gaps
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US-09-897-699-2
US-09-897-699-2
J. Application US/09897699
Sequence 2, Application US/09897699
Fatent No. US20020038468A1
J. GENERAL INFORMATION:
GENERAL INFORMATION: Michael W.
APPLICANT: Leviten, Michael W.
TITLE OF INVENTION: TRANSGENIC MICE CONTAINING CHORDIN GENE
TITLE OF INVENTION: DISRUPTIONS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-811-088-10
                                                                                                    US-09-897-699-2
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 867
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
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Matches 6; Conserv
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     Best Local Similarity 75.0 Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Holtzman, Douglas A.
APPLICANT: Gearing, David P.
APPLICANT: Gearing, David P.
APPLICANT: PAIN, YANG
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNASTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC AND OTHER
TITLE OF INVENTION: USES
TILE REFERENCE: 07334-324001
                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/897,699
CURRENT FILING DATE: 2001-66-29
PRIOR APPLICATION NUMBER: US 60/215,179
PRIOR FILING DATE: 2000-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 08/843,651
PRIOR FILING DATE: 1997-04-16
PRIOR APPLICATION NUMBER: US 09/354,809
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US 08/938,365
PRIOR FILING DATE: 1997-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/811,088
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: US 09/712,726
PRIOR FILING DATE: 2000-11-14
                                                                                                                   LENGTH: 948
TYPE: PRT
ORGANISM: Mus 1
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PRIOR FILING DATE: 1997-03-12
PRIOR APPLICATION NUMBER: US 09/757,421
PRIOR FILING DATE: 2001-01-10
PRIOR FILING DATE: 2001-01-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 08/843,652
PRIOR FILING DATE: 1997-04-16
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                                                                                                                        musculus
                         75.0%;
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75.0%;
Score 36; DB 10;
Pred. No. 1.3e+02;
0; Mismatches 2;
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Pred. No. 1.2e+02;
0; Mismatches 2;
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                                               Length 948;
     Indels
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897 CGAGVPHC 904 CGAVVPQC

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PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR PILING DATE: December 3, 1997
PRIOR PILING DATE: December 11, 1997
PRIOR PILING DATE: December 12, 1997
PRIOR PILING DATE: December 12, 1997
PRIOR PILING DATE: December 16, 1997
PRIOR PILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/069, 870
PRIOR PILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/069, 870
PRIOR PILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/069, 870
PRIOR PILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/074, 086
PRIOR PILING DATE: December 17, 1997
PRIOR APPLICATION NUMBER: 60/074, 092
PRIOR PILING DATE: December 17, 1998
PRIOR APPLICATION NUMBER: 60/074, 092
PRIOR PILING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/074, 092
PRIOR PILING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/112, 850
PRIOR PILING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILING DATE: December 16, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILING DATE: December 22, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
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PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILING DATE: PEDTUARY 9, 1998
PRIOR APPLICATION NUMBER: 60/113, 296
PRIOR PILIN
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PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 09/866,028
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/944,413
CURRENT FILING DATE: 2001-09-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                              TOR APPLICATION NUMBER: 60/074,092
COR FILING DATE: PEDRUARY 9, 1998
OR APPLICATION NUMBER: 60/075,945
OR FILING DATE: February 25, 1998
OR APPLICATION NUMBER: 60/112,850
OR FILING DATE: DATE:
OR APPLICATION NUMBER: 60/113,296
OR FILING DATE: December 22, 1998
OR APPLICATION NUMBER: 60/146,222
OR FILING DATE: July 28, 1999
OR APPLICATION NUMBER: PCT/US98/19330
OR FILING DATE: September 16, 1998
OR APPLICATION NUMBER: PCT/US98/25108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
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Grimaldi, Christopher
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RESULT 7
US-09-944-403-7
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; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-413-7
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SEQ ID NO 7
LENGTH: 954
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Patent No. US20020165143A1
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PRIOR FILING DATE: February on non-
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APPLICATION NUMBER: PC
TTTMG DATE: March 2,
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FILING DATE: March 30, 2000
APPLICATION NUMBER: PCT/US00/14042
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APPLICATION NUMBER: PCT/US00/03565
FILING DATE: Pebruary 11, 2000
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FILING DATE: No. US20020156004Alember 30, 1999
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: No. US20020156004Alember 30, 1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: July 28, 2000
APPLICATION NUMBER: PCT/US00/32678
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APPLICATION NUMBER: PCT/US00/20710
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APPLICATION NUMBER: PCT/US99/30095
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T: Roy, Margaret
T: Tumas, Daniel
T: Wood, William
'INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
'INVENTION: ACIDS ENCODING THE SAME
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Hillan, Kenneth
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Grimaldi, Christopher
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22, 1998
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PRIOR PILLING DATE: December 11, 1997
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PRIOR APPLICATION NUMBER: 60/069,696
PRIOR FILLING DATE: December 16, 1997
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PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069335
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PRIOR FILING DATE: 2001-05-25
PRIOR FILING UNMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
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OR FILING DATE: December 16, 1998
OR APPLICATION NUMBER: 60/113,296
OR FILING DATE: December 22, 1998
OR APPLICATION NUMBER: 60/146,222
OR REILING DATE: DULY 28, 1999
OR APPLICATION NUMBER: 607/146,222
OR APPLICATION NUMBER: 607/146,223
OR APPLICATION NUMBER: 607/146,2330
OR APPLICATION NUMBER: PCT/US98/19330
OR APPLICATION NUMBER: PCT/US98/25108
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R APPLICATION NUMBER: 60/069,694

R FILING DATE: December 16, 1997

R APPLICATION NUMBER: 60/069,702

TOTAL DATE: December 16, 1997
FILING DATE: February 22, 2000
APPLICATION NUMBER: PCT/US00/05841
FILING DATE: March 2, 2000
APPLICATION NUMBER: PCT/US00/08439
FILING DATE: March 30, 2000
APPLICATION NUMBER: PCT/US00/14042
                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: September 15, 1999
APPLICATION NUMBER: PCT/US99/28409
FILING DATE: NO. US20020165143A1ember 30, 1999
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: No. US20020165143A1ember 30, 1999
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FILING DATE: March 3, 1999
APPLICATION NUMBER: PCT/US99/12252
FILING DATE: June 22, 1999
APPLICATION NUMBER: PCT/US99/21090
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APPLICATION NUMBER: 60/074,092
FILING DATE: February 9, 1998
APPLICATION NUMBER: 60/075,945
FILING DATE: February 25, 1998
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                                                                                                                                                            FILING DATE: February 11, 2000
APPLICATION NUMBER: PCT/US00/04414
FILING DATE: February 22, 2000
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FILING DATE: December 16, 1998
APPLICATION NUMBER: 09/218,517
FILING DATE: December 22, 1998
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                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/30095
FILING DATE: December 16, 1999
APPLICATION NUMBER: PCT/US00/03565
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APPLICATION NUMBER: 60/074,086
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P2548P1C1

CURRENT APPLICATION NUMBER: US/09/944,896

CURRENT FILING DATE: 2001-08-31

PRIOR APPLICATION NUMBER: 09/866,028

PRIOR FILING DATE: 2001-05-25

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: 60/069,334

PRIOR FILING DATE: December 11, 1997

PRIOR APPLICATION NUMBER: 60/069,278

PRIOR APPLICATION NUMBER: 60/069,278

PRIOR FILING DATE: December 11, 1997

PRIOR APPLICATION NUMBER: 60/069,425

**PRIOR FILING DATE: December 12, 1997

PRIOR APPLICATION NUMBER: 60/069,425

**PRIOR APPLICATION NUMBER: 60/069,425

**PRIOR APPLICATION NUMBER: 60/069,694

PRIOR APPLICATION NUMBER: 60/069,694

PRIOR APPLICATION NUMBER: 60/069,694

PRIOR FILING DATE: December 16, 1997

PRIOR APPLICATION NUMBER: 60/069,702

PRIOR APPLICATION NUMBER: 60/069,702

PRIOR APPLICATION NUMBER: 60/069,702

PRIOR APPLICATION NUMBER: 60/069,702

PRIOR APPLICATION NUMBER: 60/069,873

PRIOR FILING DATE: December 17, 1997

PRIOR APPLICATION NUMBER: 60/069,873

PRIOR FILING DATE: DECEMBER: 71, 1997

PRIOR APPLICATION NUMBER: 60/069,873

PRIOR FILING DATE: DECEMBER: 71, 1997
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; TYPE: PRT
; ORGANISM: Homo S
US-09-944-403-7
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PRIOR FILING DATE: July 28, 2000
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR PILING DATE: December 1, 2000
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: February 28, 2001
NUMBER OF SEQ ID NOS: 120
SEQ ID NO 7
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                           FILING DATE: December 17, 1997
APPLICATION NUMBER: 60/068,017
FILING DATE: December 18, 1997
APPLICATION NUMBER: 60/070,
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Tumas, Daniel
Wood, William
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Filvaroff, Ellen
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Pred. No.
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; LENGTH: 954
; TYPE: PRT
; ORGANISM: Homo S
US-09-944-896-7
US-09-944-944-7
Sequence 7, Application US/09944944
Patent No. US20020173463A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin
APPLICANT: Botstein, David
                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
"""hes 6; Conserv:
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                                                                                                                               RESULT 9
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PRIOR FILING DATE: February 28 2000
NUMBER 05 777
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IOR APPLICATION NUMBER: 07/254,311
IOR FILING DATE: March 3, 1999
IOR APPLICATION NUMBER: PCT/US99/1252
IOR APPLICATION NUMBER: PCT/US99/21090
IOR APPLICATION NUMBER: PCT/US99/21090
IOR APPLICATION NUMBER: PCT/US99/28409
IOR APPLICATION NUMBER: PCT/US99/28409
IOR APPLICATION NUMBER: PCT/US99/28313
IOR FILING DATE: No. US20020168715A1ember 30, 1999
IOR APPLICATION NUMBER: PCT/US99/28313
IOR FILING DATE: No. US20020168715A1ember 30, 1999
IOR APPLICATION NUMBER: PCT/US99/28301
IOR FILING DATE: December 1, 1999
IOR APPLICATION NUMBER: PCT/US99/30095
IOR APPLICATION NUMBER: PCT/US99/30095
IOR APPLICATION NUMBER: PCT/US90/03565
IOR APPLICATION NUMBER: PCT/US00/04414
IOR APPLICATION NUMBER: PCT/US00/04414
IOR APPLICATION NUMBER: PCT/US00/06441
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APPLICATION NUMBER: 09/216,021
FILING DATE: December 16, 1998
APPLICATION NUMBER: 09/218,517
FILING DATE: December 22, 1998
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APPLICATION NUMBER: PCT/US98/19330
FILING DATE: September 16, 1998
APPLICATION NUMBER: PCT/US98/25108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US00/20710
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FILING DATE: March 30,
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FILING DATE: March 2,
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APPLICATION NUMBER: 60/146,222
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APPLICATION NUMBER: 60/
FILING DATE: February 9
APPLICATION NUMBER: 60/
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Pred. No. 1.3e+02;
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILLE OF INVENTION: ACIDS ENCODING THE SAME
FILL REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,944
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/666,028
PRIOR FILING DATE: 2001-05-25
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/667,411
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/669335
PRIOR FILING DATE: December 11, 1997
PRIOR RILING DATE: December 11, 1997
PRIOR RILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/669,278
PRIOR APPLICATION NUMBER: 60/669,696
PRIOR APPLICATION NUMBER: 60/669,696
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APPLICATION NUMBER: 60/069,694
THE PROPERTY OF 
APPLICATION NUMBER: PCT/US99/28409 FILING DATE: No. US20020173463A1ember
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APPLICATION NUMBER: 09/218,
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APPLICATION :
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Tumas, Daniel
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NUMBER: PCT/US98/25108
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NUMBER: 60/074,
                                                                                                                                                                                                                          NUMBER: 09/254,311
: March 3, 1999
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NUMBER: 60/074,09
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                                                                           NUMBER: PCT/US99/21090
September 15, 1999
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FILING DATE: No. US20020173463A1ember 30, 1999 APPLICATION NUMBER: PCT/US99/28301 FILING DATE: December1, 1999

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                                    LENGTH: 954
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-944-907-7
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US-09-944-907-7
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US-09-944-944-7
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NUMBER OF SEQ ID NOS:
SEQ ID NO 7
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 7, Application US/09944907
Publication No. US20020198147A1
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Query Match
                                                                                                           SEQ ID NO 7
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PRIOR
                                                                                                                      TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P2548P1C1 CURRENT APPLICATION NUMBER: US/09/944,907 CURRENT FILING DATE: 2001-08-31 PRIOR APPLICATION NUMBER: 09/866,028 PRIOR APPLICATION NUMBER: 09/866,028 PRIOR PILING DATE: 2001-05-25 NUMBER OF SEQ ID NOS: 120
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TYPE: PRT
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OR APPLICATION NUMBER: PCT/US00/05841
OR ETLING DATE: March 2, 2000
OR APPLICATION NUMBER: PCT/US00/08439
OR FILING DATE: March 30, 2000
OR APPLICATION NUMBER: PCT/US00/14042
OR APPLICATION NUMBER: PCT/US00/20710
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FILING DATE: December 16, 1999
APPLICATION NUMBER: PCT/US09/30565
FILING DATE: February 11 2000
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FILING DATE: December 1, 2000
APPLICATION NUMBER: PCT/US01/06526
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FILING DATE: February 22 2000
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Tumas,Daniel
Wood,William
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Gerritsen, Mary
Goddard, Audrey
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Grimaldi, Christopher
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Pred. No. 1.3e+02;
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   Score 36;
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; SEQ ID NO 7
; LENGTH: 954
; TYPB: PRT
; ORGANISM: Homo Sapien
US-09-944-929-7
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Best Local Similarity
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US-09-866-028-7
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Publication No. US20020197612A1
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PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 120
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Tumas, Daniel
Wood, William
Roy, Margaret
Tumas, Daniel
Wood, William
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Grimaldi, Christopher
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Gerritsen, Mary
                                                                           Gurney, Austin
Hillan, Kenneth
                                                                                                          Godowski, Paul
Grimaldi, Christopher
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                                            Kljavin, Ivar
Napier, Mary
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RESULT 13
US-09-944-449-7
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PRIOR FILING DAYE: DECEMBER 11, 1997
PRIOR FILING DAYE: DECEMBER 60/069335
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                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/944,449
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR FILING DATE: December 3, 1997
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DR FILING DATE: December 12, 1997
DR APPLICATION NUMBER: 60/069,696
DR FILING DATE: December 16, 1997
DR APPLICATION NUMBER: 60/069,694
DR FILING DATE: December 16, 1997
DR APPLICATION NUMBER: 60/069,702
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DR FILING DATE: DECEMBER: 60/069,702
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    APPLICATION NUMBER: 60/069,870
FILING DATE: December 17, 1997
APPLICATION NUMBER: 60/069,873
FILING DATE: December 17, 1997
APPLICATION NUMBER: 60/068,017
FILING DATE: December 18, 1997
                                                                                                                                                                                                                                                                                              FILING ARTS: December 11, 1997
APPLICATION NUMBER: 60/069,278
APPLICATION NUMBER: 11, 1997
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APPLICATION NUMBER: 60/069335
APPLICATION PARTY December 11, 1997
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Grimaldi, Christopher
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NUMBER: 60/068,017
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Pred. No. 1.3e+02;
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LENGTH: 9
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Best Local
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                                                                                                                                                 TYPE: PRT
ORGANISM: Homo
902 CGAGVPHC 909
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: No. US20020102647Alember 30, 1999
APPLICATION NUMBER: PCT/US99/28301
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APPLICATION NUMBER: PCT/US00/04414
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APPLICATION NUMBER: PCT/US99/30095
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APPLICATION NUMBER: 60/074,086
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                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: March 30,
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                                                                Similarity 6; Conserv
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NUMBER: PCT/US99/12252
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NUMBER: PCT/US98/25108
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PCT/US00/05841
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US-09-944-457-7; Sequence 7, Application US/09944457; Patent No. US20020110859A1

APPLICANT: Baker,

RESULT 14

APPLICANT:

FILING DATE:

December

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FILING DATE: December

FILING DATE:

December

PPLICANT:

Roy, Margaret Tumas, Daniel Napier, Mary Kljavin, Ivar Gurney, Austin

APPLICANT:

PPLICANT:

APPLICANT:

PPLICANT:

Filvaroff,Ellen Ferrara, Napoleone Botstein, David

PPLICANT:

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PRIOR APPLICATION NUMBER: 60/067,411
PRIOR FILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/069,334
PRIOR FILING DATE: December 11, 1997
PRIOR APPLICATION NUMBER: 60/069335
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CURRENT FILING DATE: 2001-09-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OR APPLICATION NUMBER: 60/070,440
OR FILING DATE: January 5, 1998
OR APPLICATION NUMBER: 60/074,086
OR FILING DATE: February 9, 1998
OR APPLICATION NUMBER: 60/074,092
OR FILING DATE: February 9, 1998
OR FILING DATE: February 9, 1998
OR FILING DATE: F650ruary 9, 1998
                                    APPLICATION NUMBER: 09/254,311
FILING DATE: MARCH 3, 1999
APPLICATION NUMBER: PCT/US99/1225,
FILING DATE: June 22, 1999
APPLICATION NUMBER: PCT/US99/21090
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                                                                                                                                                         APPLICATION NUMBER: 09/218,517 FILING DATE: December 22, 1998
                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/146,222 FILING DATE: July 28, 1999 APPLICATION NUMBER: PCT/US98/19330
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Goddard, Audrey
Godowski, Paul
Grimaldi, Christopher
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             APPLICANT: TUMBAS, DESIGNATION APPLICANT: WOOD, WILLIAM
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P2548P1C1
CURRENT APPLICATION NUMBER: US/09/944,862
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/866,028
PRIOR APPLICATION NUMBER: 60/667,411
PRIOR APPLICATION NUMBER: 60/67,411
PRIOR APPLICATION NUMBER: 60/66,334
PRIOR PILING DATE: December 3, 1997
PRIOR APPLICATION NUMBER: 60/063335
PRIOR APPLICATION NUMBER: 60/063335
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; TYPE: PRT
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Best Local S
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Patent No. US20020115145A1
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: No. US20020110859Alember 30, 1999
APPLICATION NUMBER: PCT/US99/28301
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Hillan, Kenneth
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Grimaldi, Christopher
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PRIOR FILING DATE: February 22, 2000
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PRIOR APPLICATION NUMBER: PCT/US00/20710
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PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: Date: Date: PCT/US00/32678
PRIOR FILING DATE: December 1, 2000
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IOR APPLICATION NUMBER: 09/216,021
IOR FILING DATE: December 1, 1998
IOR APPLICATION NUMBER: 09/218,517
IOR FILING DATE: December 22, 1998
IOR APPLICATION NUMBER: 09/218,517
IOR FILING DATE: December 22, 1999
IOR APPLICATION NUMBER: PCT/US99/1252
IOR FILING DATE: March 3, 1999
IOR APPLICATION NUMBER: PCT/US99/21090
IOR APPLICATION NUMBER: PCT/US99/21090
IOR FILING DATE: No. US20020115145Alember 30, 1999
IOR APPLICATION NUMBER: PCT/US99/28031
IOR FILING DATE: No. US20020115145Alember 30, 1999
IOR APPLICATION NUMBER: PCT/US99/28301
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IOR APPLICATION NUMBER: PCT/US99/28301
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OR FILING DATE: February 9, 1998
OR APPLICATION NUMBER: 60/074,092
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APPLICATION NUMBER: 60/113,296
FILING DATE: December 22, 1998
APPLICATION NUMBER: 60/146,222
FILING DATE: July 28, 1999
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APPLICATION NUMBER: 60/075,945
FILING DATE: February 25, 1998
APPLICATION NUMBER: 60/112,850
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FILING DATE: December 18, 1997
APPLICATION NUMBER: 60/070,440
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US-09-944-862-7

Query Match
Best Local Similarity 75.0%; Pred. No. 1.3e+02;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps
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          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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seq length: 2000000000
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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US-08-592-9388-21
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US-09-325-881-4
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US-08-749-169A-3

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US-09-130-032A-3

US-08-238-163-2

US-08-238-163-2

US-08-464-339A-11

US-08-238-163-4

US-08-238-163-4

US-08-464-847B-13

US-09-084-079-5

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US-08-748-483-5
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Sequence 5,
Sequence 3,
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ALIGNMENTS	US-08-434-831B-37	US-08-582-776C-40	US-08-369-822C-25	US-08-194-338-4	US-08-846-762-90	PCT-US93-08528-19	US-08-118-270-19	5212074-1	PCT-US93-08528-28	US-08-118-270-28	US-08-244-646-17	5212074-6	US-08-469-260A-54	US-07-791-931-3	US-08-358-160-120	US-08-469-260A-199	US-08-777-113-12	US-08-451-566-12
	Sequence 37, Appl	Sequence 40, Appl	Sequence 25, Appl	Sequence 4, Appli	Sequence 90, Appl	Sequence 19, Appl	Sequence 19, Appl	Patent No. 5212074	Sequence 28, Appl	Sequence 28, Appl	Sequence 17, Appl	Patent No. 5212074	Sequence 54, Appl	Sequence 3, Appli	Sequence 120, App	φ,	Sequence 12, Appl	Sequence 12, Appl

RESULT 1

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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                          TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                              FILING DATE:
ATTORNEY/AGENT INFORMATION:
ANAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL REGULATORS OF G-PROTEIN
TITLE OF INVENTION: SIGNALING
                                                                                                                                                TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                           LIBRARY: GenBank CLONE: 1216373
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STATE: CA
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amino acid
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Conservative

75.0%; 62.5%;

Score 36; Pred. No.

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Length 205; Indels

Mismatches

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LIBRARY: GenBank

CLONE: 1216373

US-08-748-483-5
                                                                                                                     Sequence 3, Application US/08938365 Patent No. 5989909
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Patent No. 5955314
GENERAL INFORMATION:
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                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0157 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 205 amino acid
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                              APPLICANT: Yang, Pan
TITLE OF INVENTION: HUCHORDIN AND USES THEREOF
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 530 PRIOR APPLICATION DATA: APPLICATION NUMBER:
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MEDIUM TYPE: Diskette
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Pred. No. 28;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/08938365 Patent No. 5989909 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,365
FILING DATE: 26-SEP-1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,365
FILING DATE: 26-SEP-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS LENGTH: 855 amino acid
           APPLICATION NUMBER:
FILING DATE:
ATTORNEY_AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE_DOCKET_NUMBER: 09404/040001
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Yang, Pan
TITLE OF INVENTION: HUCHORDIN AND U
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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NAME: Meiklejohn, Ph. D., Ani
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 094
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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TELECOMMUNICATION INFORMATION:
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TELEFAX: 200154
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cv. linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 36; DB 2;
Pred. No. 1e+02;
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TELEPHONE:

617/542-8906

617/542-5070

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RESULT 6
US-09-130-032A-3
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                                                                                                                                                                             ; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-749-169A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-749-169A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 5
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                                                                                             Query Match
Best Local Similarity /ɔ..
Thes 6/ Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                    TELEFAX: (617) 876-58
                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI 5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8260
TELEPAX: (617) 876-5851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                       IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/749 1677
FILING DATE:
CLASSIFFORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 867 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 954 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute,
STREET: 87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF
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                                                           902 CGAGVPHC 909
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STATE: Massachusetts
                                                                                        1 CGAVVPQC 8
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                                                                                                                                                                                                                     amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RACTE, Lisa
RACTE, Lisa
LaVALLIE, Edward
DEROBERTIS, Edward
OFFICION: CHORDIN COMPOSITIONS
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75.0%;
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                                                                                                             Score 36; DB 2; Length 954
Pred. No. 1.1e+02;
0; Mismatches 2; Indels
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Pred. No. 1e+02;
0; Mismatches
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                                                                                                                                             Length 954;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Patent No. 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: BENNET
APPLICANT: LABAVI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE: 954 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI :
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8260
TELEPAX: (617) 876-5851
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPATIBLE
COMPUTER: FORDS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CORRENT APPLICATION DATA:
COMPAND NAME OF COMPAND AND COMPAND COMPAND AND COMPAND AND COMPAND AND COMPAND AND COMPAND AND COM
                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: HUMAN CHORDIN COMPOSITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: o, Cambridge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            902 CGAGVPHC 909
                                                                                                                                                                                                                                                                                              ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
mes 6; Conserv
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                                                                                                                                                                                                                                COUNTRY: US
ZIP: 94105-1493
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               02140
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          954 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         POWELL, Ann
STOTZ, Henrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LABAVITCH, John M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DeRobertis, Edward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BENNETT, Alan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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75.0%;
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Pred. No. 1.1e+02;
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ATTORNEY/AGENT INFORMATION:

FILING DATE: 03 CLASSIFICATION:

03-MAY-1994

US/08/238,163

APPLICATION NUMBER:

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 Query Match 68.8%;
Best Local Similarity 62.5%;
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       70.8%;
Best Local Similarity 62.5%;
Matches 5; Conservative
                                                                                                                                TELEFAX: 301-303-00: 9:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
1.FNGTH: 206 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                               TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Brookes, Anders, A.
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 330 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 301-309-8504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (415) 543-9600
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                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
FILING DATE: 20-MAR
CLASSIFICATION: 435
                                                                                                              TYPE: amino acid
STRANDEDNESS: sin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: ROCKVILLE STATE: MARYLAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 CGAVVPQC 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PLICANT: LI, HAODONG TLE OF INVENTION: HU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 2307E-540
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 20850
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10. 34,774
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; Score 33; DB;
; Pred. No. 93;
2; Mismatches
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Pred. No. 96;
                               DB 3; Length 206;
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; MOLECULE TYPE: PROTEIN
US-08-464-339A-11
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US-08-464-339A-11
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                                                                                                                                                                                                                     US-08-238-163-4
                                                                                                                                                                                                                                        RESULT 10
                                                                                                                                                             Sequence 4, Application US/08238163
Patent No. 5569830
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         Query Match 66.7%;
Best Local Similarity 62.5%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 11, Application US/08464339A Patent No. 5747280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/464,339A
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/14388
FILING DATE: 9 DEC 1994
ATTORNEY/ACENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REGISTRATION NUMBER: 33,073
REGISTRATION NUMBER: 33,073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE 90 AMINO ACIDS
LENGTH: 90 AMINO ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: HASTIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: AMINO ACIDS
STRANDENNESS:
TOPOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                     TITLE OF INVENTION: PLANT INHIBITORS OF TITLE OF INVENTION: POLYGALACTURONASES I
                                                                                         APPLICANT:
                                                                                                                            APPLICANT: BENNETT, Alan APPLICANT: LABAVITCH, John M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 201-994-1700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: WORD PERFECT 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INC
COMPUTER: IBM PS/2
COMPUTER: MS
COPPUTER: MS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Human V
                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                        32 CPANAPQC 39
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STATE: NEW JERSEY
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E: CECCHI, STEWART & OLSTEIN
6 BECKER FARM ROAD
                                                                                       POWELL, Ann
STOTZ, Henrik
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Townsend and Townsend Khourie and Crew
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Pred. No.
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                                                    FUNGAL
AND THEIR USE
                                                    TO CONTROL FUNGAL DISEASE
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TELEFAX: (415) 543-5043

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 327 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-238-163-4
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Best Local Similarity
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                                                                                                                                SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,847B
FILING DATE: 6 June 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                      STREET: 6 L.
STREET: 7 CITY: ROSELAND
CITY: NEW JERSEY
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-442
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INC:
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Hastings, TITLE OF INVENTION: F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/238,163
FILING DATE: 03-MAY-1994
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94105-1493
COMPUTER READABLE FORM:
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                                                                                                   APPLICATION NUMBER: FILING DATE:
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REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 23
                                                                                                                                                                                                                                                                                                             COUNTRY: U:
ZIP: 07068
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                             CARELLA, BYRNE, BAIN, GILFILIAN CECCHI, STEWART & OLSTBIN
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415) 543-5043
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                                                                                                                                                                                                                                                                         INCH DISKETTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Human CCN-Like Growth Factor
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Pred. No. 2.1e+02;
3; Mismatches 1
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RESULT 13
5212074-7
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Best Local Similarity
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PATENT NO. 6150136
GENERAL INFORMATION:
APPLICANT: Bronstein, Jeff M.
APPLICANT: Seitz, Robert S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acid res
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MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb stor
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect for Windows version 8.0
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/084,079
FILING DATE: 22-MAY-1998
CLASSIFICATION:
                                                                                                                                                                                             MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Farah, David A.
REGISTRATION NUMBER: 38,134
REFERENCE/DOCKET NUMBER: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
LENGTH: 375 AMINO ACII
                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: PROTEIN
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STATE: (-
91101
                                                           34 CGYTIPTC 41
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nes 5; Conserv
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TYPE: AMINO ACID
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                                                                                        CGAVVPQC 8
                                                                                                                                                                                                        1: 218 amino acid residues amino acid 
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lallone, Roger L.

VENTION: Oligodendrocyte-specific Protein and Method for VENTION: Diagnosing and Treating Disease
                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                     (626) 796-4000
                                                                                                                                 64.6%;
50.0%;
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                                                                                                                                 Score 31; DB 4;
Pred. No. 2.1e+02;
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Pred. No. 2.4e+02;
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                                                                                                                    Mismatches
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                                                                                                                                               Length 218;
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;Patent No. 5212074
; APPLICANT: KIEFER, MICHAEL C.;MASIARZ, FRANK R.
; TITLE OF INVENTION: GENETIC MATERIAL ENCODING NEW

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APPLICANT: Jaspers, Stephen R.

FILE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR HOMOLOGS
FILE REFERENCE: 97-75
CURRENT APPLICATION NUMBER: US/09/253,316
CURRENT APPLICATION NUMBER: US/09/253,316
CURRENT FILING DATE: 1999-02-19
FARLIER APPLICATION NUMBER: US/075,300
FARLIER FILING DATE: 1998-02-20
FINDER OF SEQ ID NOS: 34
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 28
LENGTH: 328
Type: PAT
ORGANISM: Homo sapiens
US-09-253-316-28
                                                                                                                                                                                                                                                                                                                                                        RESULT 15
5212074-4
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                                                                                                                                                                                                                                                               ;Patent No. 5212074

APPLICANT: KIEFER, MICHAEL C.;MASIARZ, FRANK R.

TITLE OF INVENTION: GENETIC MATERIAL ENCODING NEW

INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN IGFBP-6

NUMBER OF SEQUENCES: 7
                                                                                                                                           SEQ ID NO:4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 50.0
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                               Query Match 64.6%;
Best Local Similarity 50.0%;
Matches 4; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 50.0
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                      APPLICATION NUMBER: US/07/576,629
FILING DATE: 31-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 574,613
FILING DATE: 28-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/07/576,629
FILING DATE: 31-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 574,613
FILING DATE: 28-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 7
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                              101 CGVYTPRC 108
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                                                                                                                         LENGTH: 328
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1 CGAVVPQC 8
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                                 Score 31; DB 6;
Pred. No. 3.1e+02;
1; Mismatches 3
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Pred. No. 2.3e+02;
1; Mismatches 3; Indels
                                                                Length 328;
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                                 Indels
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Db 101 CGVYTPRC 108

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